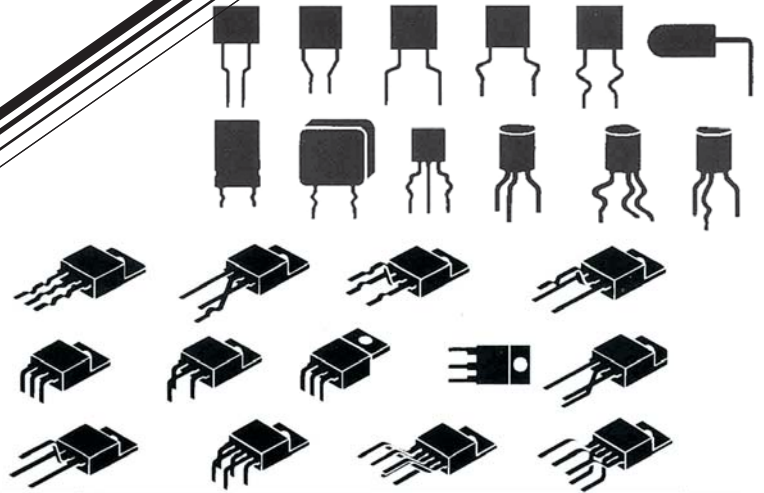


GPD Global[®]

611 Hollingsworth Street
Grand Junction, CO 81505

Tel: (970) 245-0408 Fax: (970) 245-9674

Web: www.gpd-global.com



CF-10 Component Forming Dies

CF-10 Component Forming Dies are precisely manufactured and are available to form a wide variety of component types.

Components with leads up to .600" center-to-center can be formed without stress using CF-10 Forming Dies.

CF-10 Forming Dies are easily installed and can be ordered to form various component configurations.

GPD CF-10

Component Forming Die Catalog

DIES CAN BE SELECTED AND ORDERED BY ACCESSING THE BRIEF INDEX LOCATED AT THE FRONT OF THE CATALOG. THE INDEX IS A NUMERICAL LISTING OF DIE NUMBERS AND A BRIEF EXPLANATION OF EACH. THESE SAME DIES ARE LISTED AGAIN IN THE MAIN BODY OF THE CATALOG AND ILLUSTRATE DIE FUNCTION AND LIMITATION IN A DETAILED FORMAT.

WHEN ORDERING SPECIAL* DIES OR CONFIGURATIONS NOT SHOWN IN THE CATALOG ADDITIONAL INFORMATION IS REQUIRED IN THE FORM OF: COMPONENT SAMPLES, P.C.BOARD SAMPLES, AND DESIRED COMPONENT SHAPE INFORMATION.

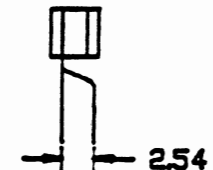
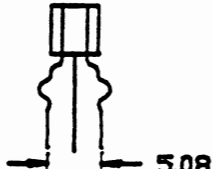
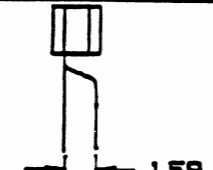
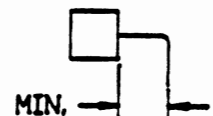
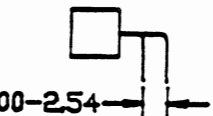
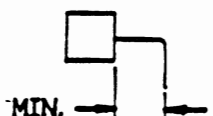
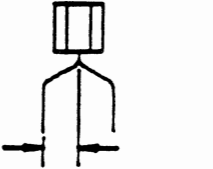
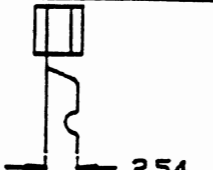
* SPECIAL DIES MAY BE SUBJECT TO A PRE-DETERMINED ENGINEERING CHARGE. IN SOME CASES WE MAY NOT BE ABLE TO ACCOMPLISH THE REQUESTED FORM DUE TO MACHINE AND DIE LIMITATIONS.

WE WOULD LIKE TO HELP YOU IN ANY WAY WITH YOUR FORMING NEEDS. PLEASE CALL 970-245-0408

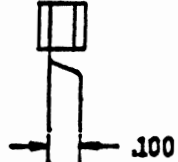
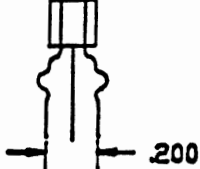
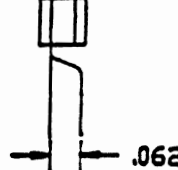

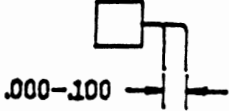
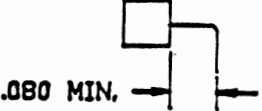
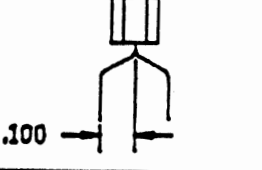
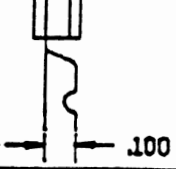
STANDARD DELIVERY TIMES FOR DIES:

STANDARD DIES	STOCK TO 2 WEEKS
MODIFICATIONS OR SPECIAL DIES	4-6 WEEKS

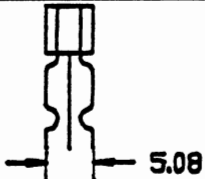
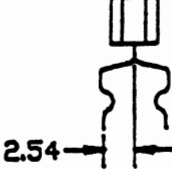
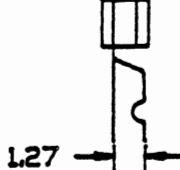
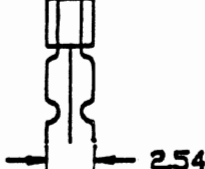
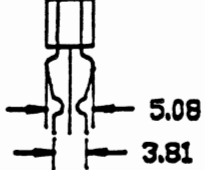
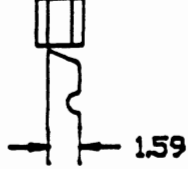
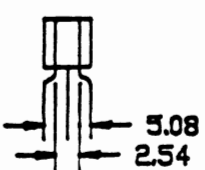
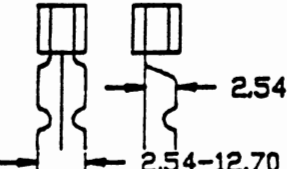
MEASUREMENTS IN MILLIMETERS

DIE NO.	TO-92 FORMING DESCRIPTION	ILLUS.
905-1A PAGE:1	MIDDLE LEAD OFFSET 2.54 NO LOCK IN.	
905-1CA 905-1CB PAGE:3	IN LINE LOCK IN 1&3 LEADS	
905-1D PAGE:5	MIDDLE LEAD OFFSET NO SPREAD, #2 LEAD OFFSET 1.59	
905-1E1 PAGE:7	90° BEND DIE FORMS AND CUTS MIDDLE LEAD.	
905-1E2 PAGE:7	90° BEND DIE FORMS AND CUTS OUTER LEADS.	
905-1E3 PAGE:7	90° BEND DIE FORMS AND CUTS ALL LEADS.	
905-1G PAGE:9	MIDDLE LEAD OFFSET 2.54 LEADS 1&3 OFFSET 2.54 OPPOSITE DIRECTION, USE WITH 905-1A.	
905-1H4 PAGE:11	MIDDLE LEAD OFFSET 2.54 LOCKS AND CUTS MIDDLE LEAD.	

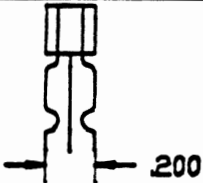
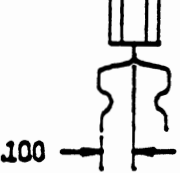
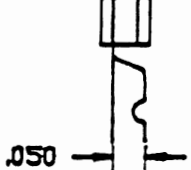
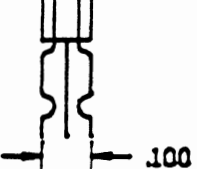
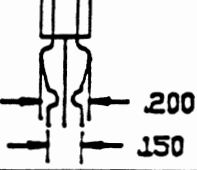
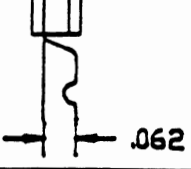
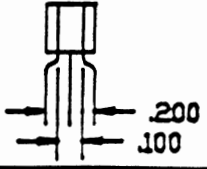
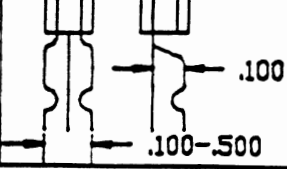
MEASUREMENTS IN INCHES

DIE NO.	TO-92 FORMING DESCRIPTION	ILLUS.
905-1A PAGE: 2	MIDDLE LEAD OFFSET .100 NO LOCK IN.	
905-1CA 905-1CB PAGE: 4	IN LINE LOCK IN 1&3 LEADS	
905-1D PAGE: 6	MIDDLE LEAD OFFSET NO SPREAD, #2 LEAD OFFSET .062	
905-1E1 PAGE: 8	90° BEND DIE FORMS AND CUTS MIDDLE LEAD.	
905-1E2 PAGE: 8	90° BEND DIE FORMS AND CUTS OUTER LEADS.	
905-1E3 PAGE: 8	90° BEND DIE FORMS AND CUTS ALL LEADS.	
905-1G PAGE: 10	MIDDLE LEAD OFFSET .100 LEADS 1&3 OFFSET .100 OPPOSITE DIRECTION. USE WITH 905-1A.	
905-1H4 PAGE: 12	MIDDLE LEAD OFFSET .100 LOCKS AND CUTS MIDDLE LEAD.	

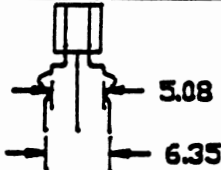
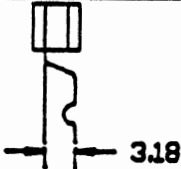
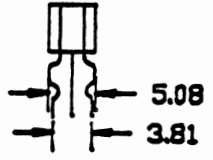
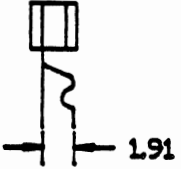
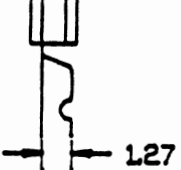
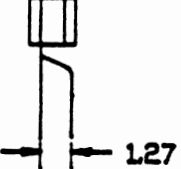
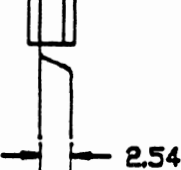
MEASUREMENTS IN MILLIMETERS

DIE NO.	TO-92 FORMING DESCRIPTION	ILLUS.
905-1H5 PAGE: 11	LOCKS AND CUTS LEADS 1&3	
905-1I PAGE: 13	TO BE USED WITH 905-1N LOCKS, CUTS AND OFFSETS LEADS 1&3 2.54 OPPOSITE	
905-1J1 PAGE: 15	OFFSETS MIDDLE LEAD 1.27 LOCKS AND CUTS MIDDLE LEAD	
905-1J2 PAGE: 15	LOCKS AND CUTS LEADS 1&3	
905-1K1 PAGE: 17	REDUCES 5.08-3.81, AND LOCKS LEADS 1&3	
905-1K2 PAGE: 17	LOCKS AND OFFSETS MIDDLE LEAD 1.59 CUTS ALL LEADS	
905-1L1 PAGE: 19	SPREADS 2.54-5.08	
905-1L4 PAGE: 21	OFFSETS MIDDLE LEAD 2.54 LOCKS AND CUTS 1,2&3 LEADS.	

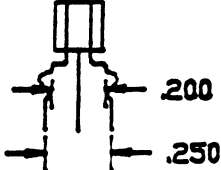
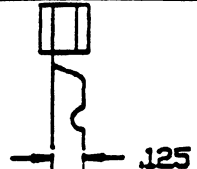
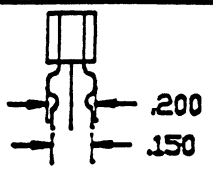
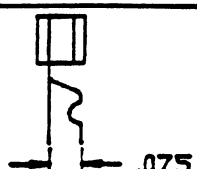
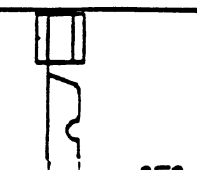
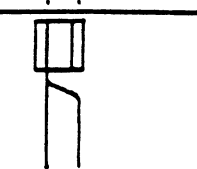
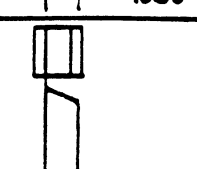
MEASUREMENTS IN INCHES

DIE NO.	TO-92 FORMING DESCRIPTION	ILLUS.
905-1H5 PAGE: 12	LOCKS AND CUTS LEADS 1&3	
905-1I PAGE: 14	TO BE USED WITH 905-1N LOCKS, CUTS AND OFFSETS LEADS 1&3 .100 OPPOSITE	
905-1J1 PAGE: 16	OFFSETS MIDDLE LEAD .050 LOCKS AND CUTS MIDDLE LEAD	
905-1J2 PAGE: 16	LOCKS AND CUTS LEADS 1&3	
905-1K1 PAGE: 18	REDUCES .200-.150, AND LOCKS LEADS 1&3	
905-1K2 PAGE: 18	LOCKS AND OFFSETS MIDDLE LEAD .062 CUTS ALL LEADS	
905-1L1 PAGE: 20	SPREADS .100-.200	
905-1L4 PAGE: 22	OFFSETS MIDDLE LEAD .100 LOCKS AND CUTS 1,2&3 LEADS.	

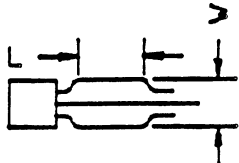
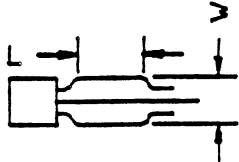
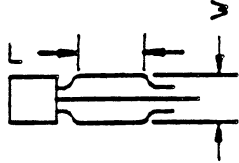
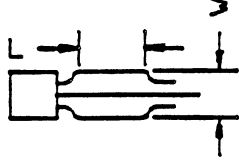
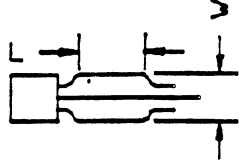
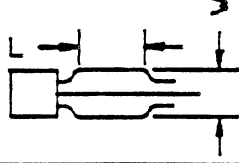
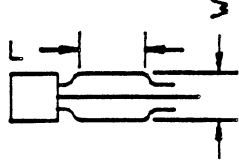
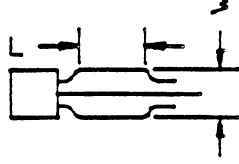
MEASUREMENTS IN MILLIMETERS

DIE NO.	TO-92 FORMING DESCRIPTION	ILLUS.
905-1N1 PAGE: 23	SPREADS 5.08-6.35 AND LOCKS LEADS 1&3	
905-1N2 PAGE: 23	OFFSETS MIDDLE LEAD 3.18 CUTS 1,2&3 LEADS.	
905-1P1 PAGE: 25	REDUCES 5.08-3.81 1&3 LEADS. LOCKS 1&3 LEADS.	
905-1P2 PAGE: 25	LOCKS AND OFFSETS MIDDLE LEAD 1.91 CUTS 1,2&3 LEADS.	
905-1R PAGE: 27	OFFSETS MIDDLE LEAD 1.27 LOCKS AND CUTS MIDDLE LEAD	
905-1S PAGE: 29	OFFSETS MIDDLE LEAD 1.27 CUTS MIDDLE LEAD	
905-1T PAGE: 31	OFFSETS MIDDLE LEAD 2.54 CUTS MIDDLE LEAD	

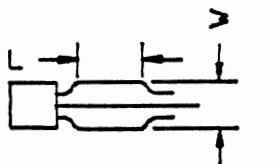
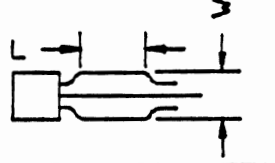
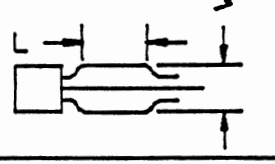
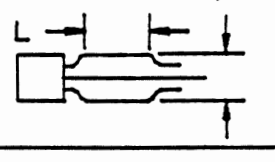
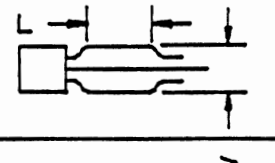
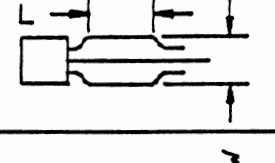
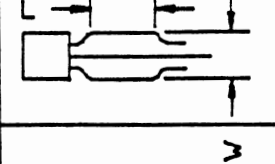
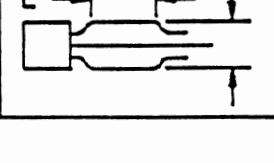
MEASUREMENTS IN INCHES

DIE NO.	TO-92 FORMING DESCRIPTION	ILLUS.
905-1N1 PAGE: 24	SPREADS .200-.250 AND LOCKS LEADS 1&3	
905-1N2 PAGE: 24	OFFSETS MIDDLE LEAD .125 CUTS 1,2&3 LEADS.	
905-1P1 PAGE: 26	REDUCES .200-.150 1&3 LEADS. LOCKS 1&3 LEADS.	
905-1P2 PAGE: 26	LOCKS AND OFFSETS MIDDLE LEAD .075 CUTS 1,2&3 LEADS.	
905-1R PAGE: 28	OFFSETS MIDDLE LEAD .050 LOCKS AND CUTS MIDDLE LEAD	
905-1S PAGE: 30	OFFSETS MIDDLE LEAD .050 CUTS MIDDLE LEAD	
905-1T PAGE: 32	OFFSETS MIDDLE LEAD .100 CUTS MIDDLE LEAD	

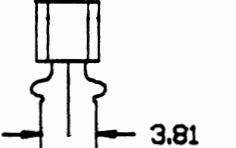
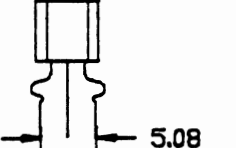
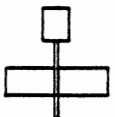
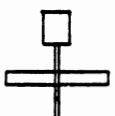
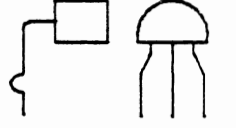
MEASUREMENTS IN MILLIMETERS

DIE NO.	TO-92 FORMING DESCRIPTION	ILLUS.
10-1-1A PAGE 33	TO-92 SPREADING DIE L=6.10 R=0.25 W=5.08	
10-1-1B PAGE 33	TO-92 SPREADING DIE L=5.08 R=0.25 W=6.35	
10-1-1C PAGE 33	TO-92 SPREADING DIE L=4.57 R=0.25 W=5.08	
10-1-1D PAGE 33	TO-92 SPREADING DIE L=3.05 R=0.25 W=5.08	
10-1-1E PAGE 33	TO-92 SPREADING DIE L=5.33 R=0.38 W=5.08	
10-1-1F PAGE 33	TO-92 SPREADING DIE L=3.81 R=0.38 W=5.08	
10-1-1G PAGE 33	TO-92 SPREADING DIE L=2.29 R=0.38 W=5.08	
10-1-1L PAGE 33	TO-92 SPREADING DIE L=3.81 R=0.38 W=3.81	

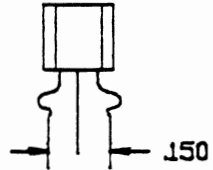
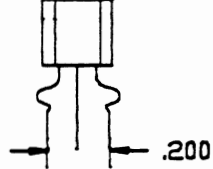
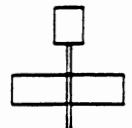
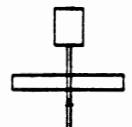
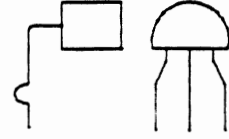
MEASUREMENTS IN INCHES

DIE NO.	TO-92 FORMING DESCRIPTION	ILLUS.
10-1-1A PAGE 34	TO-92 SPREADING DIE L=.240 R=.010 W=200	
10-1-1B PAGE 34	TO-92 SPREADING DIE L=.200 R=.010 W=250	
10-1-1C PAGE 34	TO-92 SPREADING DIE L=.180 R=.010 W=200	
10-1-1D PAGE 34	TO-92 SPREADING DIE L=.120 R=.010 W=200	
10-1-1E PAGE 34	TO-92 SPREADING DIE L=.210 R=.015 W=200	
10-1-1F PAGE 34	TO-92 SPREADING DIE L=.150 R=.015 W=200	
10-1-1G PAGE 34	TO-92 SPREADING DIE L=.090 R=.015 W=200	
10-1-1L PAGE 34	TO-92 SPREADING DIE L=.150 R=.015 W=150	

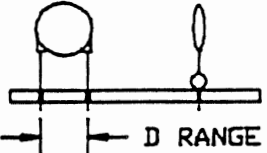
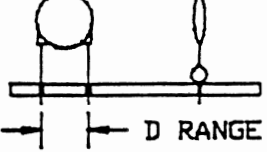
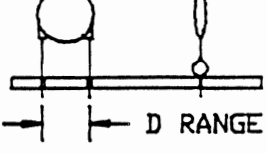
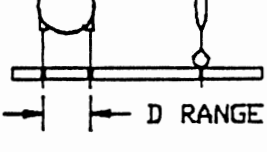
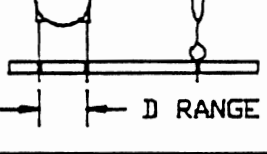
MEASUREMENTS IN MILLIMETERS

DIE NO.	TO-92 FORMING DESCRIPTION	ILLUS.
10-1-1H PAGE:35	SPREAD WITH LOCK IN 2.54-3.81	
10-1-1J PAGE:37	SPREAD WITH LOCK IN 2.54-5.08	
10-1-2A PAGE:41	FLATTENING DIE 16.51 C.C. MAX. AREA 10.16	
10-1-2B PAGE:41	FLATTENING DIE 16.51 C.C. MAX. AREA 5.08	
10-1-3G PAGE:39	FORMS LOCK AND CUTS MIDDLE LEAD. USE IN CONJUNCTION WITH: 10-1-1G & 905-1E3	

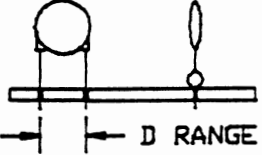
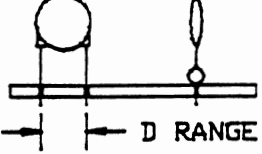
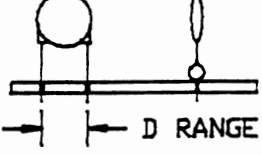
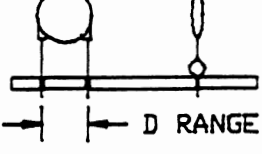
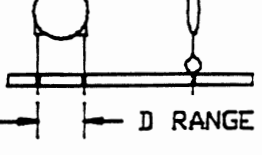
MEASUREMENTS IN INCHES

DIE NO.	T0-92 FORMING DESCRIPTION	ILLUS.
10-1-1H PAGE:36	SPREAD WITH LOCK IN .100-.150	
10-1-1J PAGE:38	SPREAD WITH LOCK IN .100-.200	
10-1-2A PAGE:42	FLATTENING DIE .650 C.C. MAX. AREA .400	
10-1-2B PAGE:42	FLATTENING DIE .650 C.C. MAX. AREA .200	
10-1-3G PAGE:40	FORMS LOCK AND CUTS MIDDLE LEAD. USE IN CONJUNCTION WITH: 10-1-1G & 905-1E3	

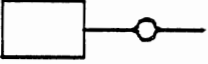
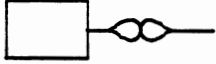
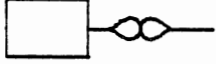
MEASUREMENTS IN MILLIMETERS

DIE NO.	2 LEADS RADIAL COMPONENT FORMING DIES DESCRIPTION	ILLUS.
905-2A PAGE: 43	IN LINE STAND OFF DIE. STAND-OFF HEIGHT: 3.81 D RANGE= 1.52-11.43 C-C	
905-2B PAGE: 43	IN LINE STAND OFF DIE. STAND-OFF HEIGHT: 3.05 D RANGE= 1.52-11.43 C-C	
905-2C PAGE: 45	SNAP IN STAND OFF. STAND-OFF HEIGHT: 3.05 D RANGE= 1.52-11.43 C-C	
905-2CA PAGE: 45	SNAP IN STAND OFF. STAND-OFF HEIGHT: 3.05 D RANGE= 1.52-11.43 C-C	
905-2CB PAGE: 45	SNAP IN STAND OFF. STAND-OFF HEIGHT: 3.05 D RANGE= 1.52-11.43 C-C	

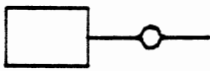
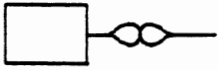
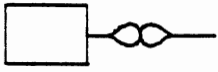
MEASUREMENTS IN INCHES

DIE NO.	2 LEADS RADIAL COMPONENTS FORMING DIES DESCRIPTION	ILLUS.
905-2A PAGE: 44	IN LINE STAND OFF DIE. STAND-OFF HEIGHT: .150 D RANGE= .060-.450 C-C	
905-2B PAGE: 44	IN LINE STAND OFF DIE. STAND-OFF HEIGHT: .120 D RANGE= .060-.450 C-C	
905-2C PAGE: 46	SNAP IN STAND OFF. STAND-OFF HEIGHT: .120 D RANGE= .060-.450 C-C	
905-2CA PAGE: 46	SNAP IN STAND OFF. STAND-OFF HEIGHT: .120 D RANGE= .060-.450 C-C	
905-2CB PAGE: 46	SNAP IN STAND OFF. STAND-OFF HEIGHT: .120 D RANGE= .060-.450 C-C	

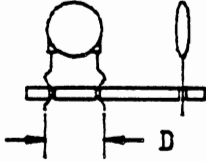
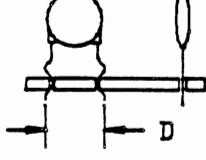
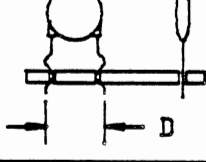
MEASUREMENTS IN MILLIMETERS

DIE NO.	2 LEADS RADIAL COMPONENT FORMING DIES DESCRIPTION	ILLUS.
10-2-2B PAGE:47	FORMS DIMPLE INTO LEADS TO PRODUCE A STAND-OFF HEIGHT OF 3.05 2 LEADS COMPONENT	
10-2-2C PAGE:49	FORMS DIMPLES INTO LEADS TO PRODUCE A LOCK-IN AND A STAND-OFF HEIGHT OF 3.05 2 LEADS COMPONENT	
10-2-2D PAGE:51	FORMS DIMPLES INTO LEADS TO PRODUCE A LOCK-IN AND A STAND-OFF HEIGHT OF 3.81 2 LEADS COMPONENT	

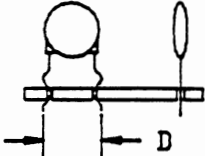
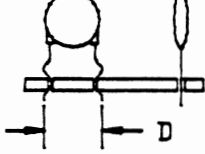
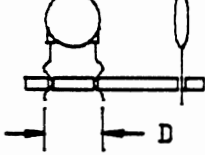
MEASUREMENTS IN INCHES

DIE NO.	2 LEADS RADIAL COMPONENT FORMING DIES DESCRIPTION	ILLUS.
10-2-2B PAGE:48	FORMS DIMPLE INTO LEADS TO PRODUCE A STAND-OFF HEIGHT OF .120 2 LEADS COMPONENT	
10-2-2C PAGE:50	FORMS DIMPLES INTO LEADS TO PRODUCE A LOCK-IN AND A STAND-OFF HEIGHT OF .120 2 LEADS COMPONENT	
10-2-2D PAGE:52	FORMS DIMPLES INTO LEADS TO PRODUCE A LOCK-IN AND A STAND-OFF HEIGHT OF .150 2 LEADS COMPONENT	


MEASUREMENTS IN MILLIMETERS

DIE NO.	2 LEADS RADIAL COMPONENT FORMING DIES DESCRIPTION	ILLUS.
905-3F THRU-3L PAGE: 53	LOCK IN STAND OFF. D RANGE= 2.54-10.16/1.27 INCREMENTS. HOLE DIA.= 0.76-1.02	
905-3FA THRU-3AL PAGE: 53	LOCK IN STAND OFF. D RANGE= 2.54-10.16/1.27 INCREMENTS. HOLE DIA.= 1.02-1.27	
905-3P THRU-3V PAGE: 53	LOCK IN STAND OFF. D RANGE= 2.54-10.16/1.27 INCREMENTS. HOLE DIA.= 0.76-1.27	
	ALSO SEE 905-10 STYLE FOR LOWER STAND-OFF HEIGHTS	

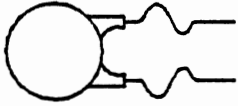
MEASUREMENTS IN INCHES

DIE NO.	2 LEADS RADIAL COMPONENT FORMING DIES DESCRIPTION	ILLUS.
905-3F THRU-3L PAGE 54	LOCK IN STAND OFF. D RANGE= .100-.400/.050 INCREMENTS. HOLE DIA.= .030-.040	
905-3FA THRU-3AL PAGE 54	LOCK IN STAND OFF. D RANGE= .100-.400/.050 INCREMENTS. HOLE DIA.= .040-.050	
905-3P THRU-3V PAGE 54	LOCK IN STAND OFF. D RANGE= .100-.400/.050 INCREMENTS. HOLE DIA.= .030-.050	
	ALSO SEE 905-10 STYLE FOR LOWER STAND-OFF HEIGHTS	

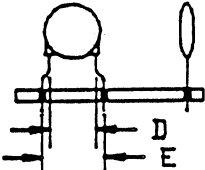
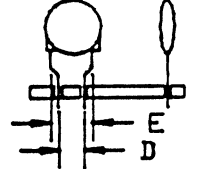
MEASUREMENTS IN MILLIMETERS

DIE NO.	2 LEADS RADIAL COMPONENT FORMING DIES DESCRIPTION	ILLUS.
10-3-() PAGE 155	2 LEAD COMPONENT SNAP IN STAND OFF 2.54-15.24 C.C. RANGE	

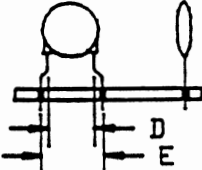
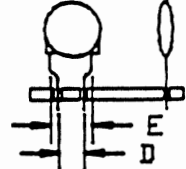
MEASUREMENTS IN INCHES

DIE NO.	2 LEADS RADIAL COMPONENT FORMING DIES DESCRIPTION	ILLUS.
10-3-() PAGE 56	2 LEAD COMPONENT SNAP IN STAND OFF .100-.600 C.C. RANGE	

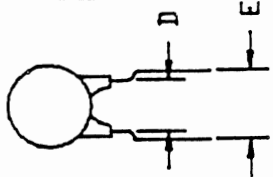
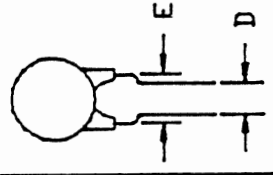
MEASUREMENTS IN MILLIMETERS

DIE NO.	2 LEADS RADIAL COMPONENT FORMING DIES DESCRIPTION	ILLUS.
905-4AA THRU-4AM PAGE:57	SPREADING DIE. D RANGE= 2.54-10.16/1.27 INCREMENTS. E RANGE= 3.81-11.43/1.27 INCREMENTS.	
905-4BA THRU-4BD PAGE:61	REDUCING DIE. E RANGE=3.81-12.70/1.27 INCREMENTS. D RANGE=2.54-11.43/1.27 INCREMENTS.	

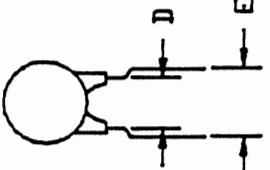
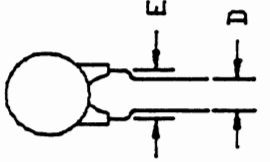
MEASUREMENTS IN INCHES

DIE NO.	2 LEADS RADIAL COMPONENTS FORMING DIES DESCRIPTION	ILLUS.
905-4AA THRU-4AM PAGE:58	SPREADING DIE. D RANGE= .100-.400/.050 INCREMENTS. E RANGE= .150-.450/.050 INCREMENTS.	
905-4BA THRU-4BD PAGE:62	REDUCING DIE. E RANGE=.150-.500/.050 INCREMENTS. D RANGE=.100-.450/.050 INCREMENTS.	

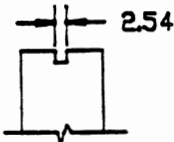
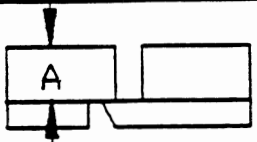
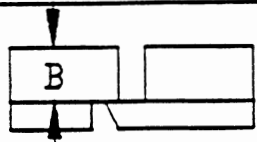
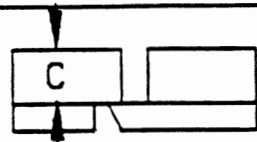
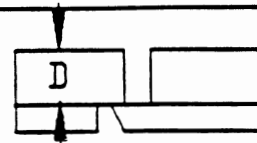
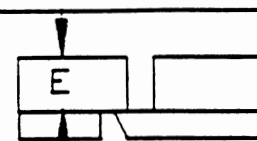
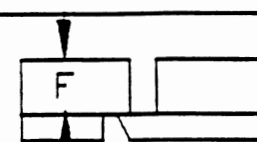

MEASUREMENTS IN MILLIMETERS

DIE NO.	2 LEADS RADIAL COMPONENT FORMING DIES DESCRIPTION	ILLUS.
10-4A-() 10-4A-() PAGE:59	SPREADING DIE D RANGE= 2.54-11.43 E RANGE= 3.81-15.24	 <p>The diagram shows a cross-section of a die with a circular end on the left and a cylindrical body. Dimension 'D' is indicated as the diameter of the cylindrical part, and dimension 'E' is indicated as the length of the cylindrical part.</p>
10-4B-() 10-4B-1() PAGE:63	REDUCING DIE D RANGE= 2.54-11.43 E RANGE= 3.81-15.24	 <p>The diagram shows a cross-section of a die with a circular end on the left and a cylindrical body. Dimension 'E' is indicated as the diameter of the cylindrical part, and dimension 'D' is indicated as the length of the cylindrical part.</p>

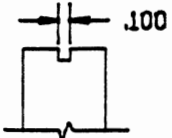
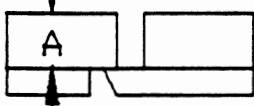
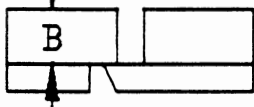
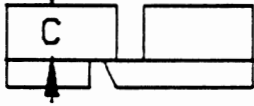
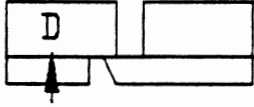
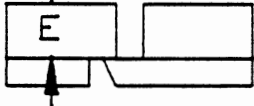
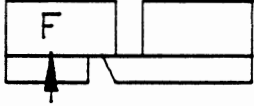
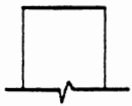
MEASUREMENTS IN INCHES

DIE NO.	2 LEADS RADIAL COMPONENT FORMING DIES DESCRIPTION	ILLUS.
10-4A-() 10-4A-() PAGE:60	SPREADING DIE D RANGE = .100-.450 E RANGE = .150-.600	
10-4B-() 10-4B-1() PAGE:64	REDUCING DIE D RANGE = .100-.450 E RANGE = .150-.600	

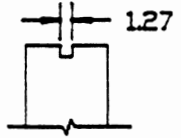
MEASUREMENTS IN MILLIMETERS

DIE NO.	RADIAL COMPONENTS KNIVES DESCRIPTION	ILLUS.
905-5 PAGE 165	KNIFE 2.54 CENTER RELIEF. USED FOR 3 LEADS COMPONENTS	
905-5A PAGE 165	CUTTING AND FLATTENING KNIVES. FLATTENING LENGTH: A=5.72	
905-5B PAGE 165	CUTTING AND FLATTENING KNIVES. FLATTENING LENGTH: B=5.08	
905-5C PAGE 165	CUTTING AND FLATTENING KNIVES. FLATTENING LENGTH: C=4.45	
905-5D PAGE 165	CUTTING AND FLATTENING KNIVES. FLATTENING LENGTH: D=3.81	
905-5E PAGE 165	CUTTING AND FLATTENING KNIVES. FLATTENING LENGTH: E=3.18	
905-5F PAGE 165	CUTTING AND FLATTENING KNIVES. FLATTENING LENGTH: F=2.54	
905-5H PAGE 165	UNIVERSAL KNIFE.	

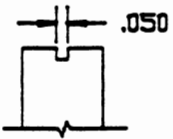
MEASUREMENTS IN INCHES

DIE NO.	RADIAL COMPONENT KNIVES DESCRIPTION	ILLUS.
905-5 PAGE 166	KNIFE .100 CENTER RELIEF. USED FOR 3 LEADS COMPONENTS	
905-5A PAGE 166	CUTTING AND FLATTENING KNIVES. FLATTENING LENGTH: A=.225	
905-5B PAGE 166	CUTTING AND FLATTENING KNIVES. FLATTENING LENGTH: B=.200	
905-5C PAGE 166	CUTTING AND FLATTENING KNIVES. FLATTENING LENGTH: C=.175	
905-5D PAGE 166	CUTTING AND FLATTENING KNIVES. FLATTENING LENGTH: D=.150	
905-5E PAGE 166	CUTTING AND FLATTENING KNIVES. FLATTENING LENGTH: E=.125	
905-5F PAGE 166	CUTTING AND FLATTENING KNIVES. FLATTENING LENGTH: F=.100	
905-5H PAGE 166	UNIVERSAL KNIFE.	

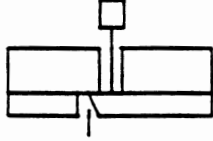
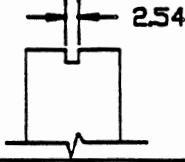
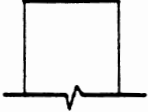
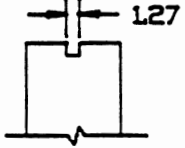
MEASUREMENTS IN MILLIMETERS

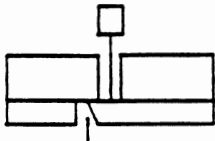
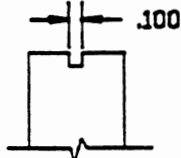

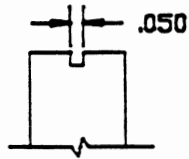
DIE NO.	RADIAL COMPONENTS KNIVES DESCRIPTION	ILLUS.
905-5I PAGE:65	KNIFE 1.27 CENTER RELIEF. USED FOR 3 LEADS COMPONENTS	

MEASUREMENTS IN INCHES

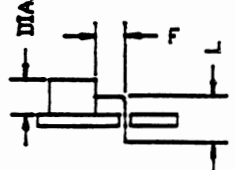
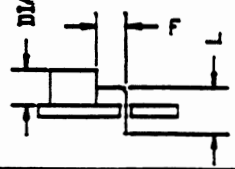
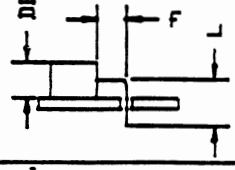
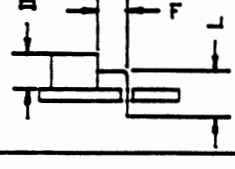
DIE NO.	RADIAL COMPONENTS KNIVES DESCRIPTION	ILLUS.
905-51 PAGE 66	KNIFE .050 CENTER RELIEF.	 <p>The illustration shows a cross-section of a knife with a central relief. A dimension line above the relief is labeled ".050".</p>

MEASUREMENTS IN MILLIMETERS

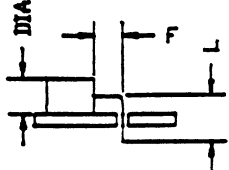
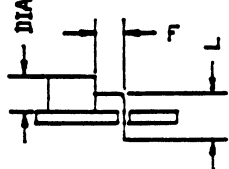
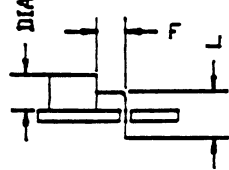
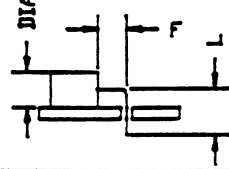
DIE NO.	RADIAL COMPONENT KNIVES DESCRIPTION	ILLUS.
10-5-5K PAGE 167	CUTS AND FLATTENS TO-92 10-5-5(ABC...) 0.06 PER SIDE PER (K)	
10-5-5 PAGE 167	KNIFE FOR TO-92 2.54 CENTER RELIEF.	
10-5-5H PAGE 167	KNIFE FOR TO-92 ZERO CENTER RELIEF. CUTS LEADS IN LINE	
10-5-5I PAGE 167	KNIFE FOR TO-92 1.27 CENTER RELIEF.	

DIE NO.	RADIAL COMPONENT KNIVES DESCRIPTION	ILLUS.
10-5-5K PAGE 168	CUTS AND FLATTENS TO-92 10-5-5(ABC...) .0025 PER SIDE PER (K)	
10-5-5 PAGE 168	KNIFE FOR TO-92 .100 CENTER RELIEF.	
10-5-5H PAGE 168	KNIFE FOR TO-92 ZERO CENTER RELIEF. CUTS LEADS IN LINE	
10-5-5I PAGE 168	KNIFE FOR TO-92 .050 CENTER RELIEF.	

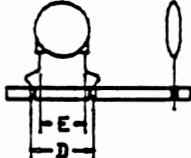
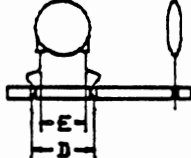
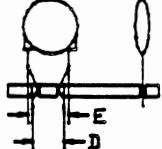
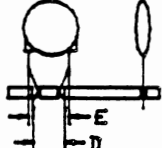
MEASUREMENTS IN MILLIMETERS

DIE NO.	RADIAL LEADS COMPONENT FORMING DIES DESCRIPTION	ILLUS.
905-7AA THRU-7AS PAGE 169	90° BEND D RANGE=1.27-4.06 L RANGE= 2.54-7.37 F-MIN.=2.03	
905-7BA THRU-7BS PAGE 169	90° BEND D RANGE=1.27-4.98 L RANGE=3.30-7.62 F-MIN.=2.54	
905-7CA THRU-7CS PAGE 169	90° BEND D RANGE=1.27-5.89 L RANGE=3.81-7.87 F-MIN.=2.92	
905-7DA THRU-7DS PAGE 169	90° BEND D RANGE=1.27-.268 L RANGE=4.32-8.13 F-MIN.=3.43	

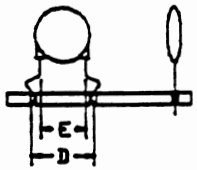
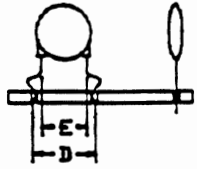
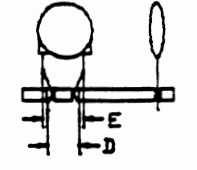
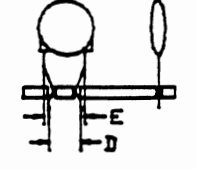
MEASUREMENTS IN INCHES

DIE NO.	RADIAL LEADS COMPONENTS FORMING DIES DESCRIPTION	ILLUS.
905-7AA THRU-7AS PAGE:70	90° BEND D RANGE=.050-.160 L RANGE=.100-.290 F-MIN.=.080	
905-7BA THRU-7BS PAGE:70	90° BEND D RANGE=.050-.196 L RANGE=.130-.300 F-MIN.=.100	
905-7CA THRU-7CS PAGE:70	90° BEND D RANGE=.050-.232 L RANGE=.150-.310 F-MIN.=.115	
905-7DA THRU-7DS PAGE:70	90° BEND D RANGE=.050-.268 L RANGE=.170-.320 F-MIN.=.135	

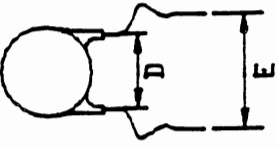
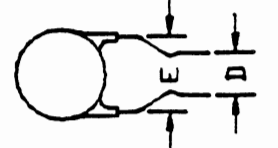
MEASUREMENTS IN MILLIMETERS

DIE NO.	RADIAL LEADS COMPONENT FORMING DIES DESCRIPTION	ILLUS.
905-8AA THRU-8AS PAGE:71	SPREAD WITH LOCK. STAND OFF=3.81 D RANGE= 3.81-8.89 E RANGE= 2.54-6.35	
905-8AAA THRU 905-8ASA PAGE:71	AS ABOVE EXCLUDING HOLE SIZE. 905-8AA THRU-8AS 0.76-1.02 905-8AAA THRU 905-8ASA 1.04-1.24	
905-8BA THRU-8BS PAGE:75	REDUCE WITH LOCK. STAND OFF=3.18 D RANGE= 2.54-6.35 E RANGE= 3.81-8.89	
905-8BAA THRU 905-8BSA PAGE:75	AS ABOVE EXCLUDING HOLE SIZE. 905-8BA THRU-8BS 0.76-1.02 905-8BAA THRU 905-8BSA 1.04-1.24	

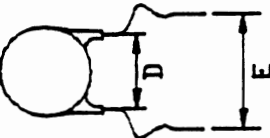
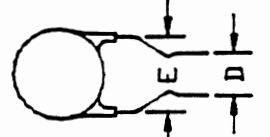
MEASUREMENTS IN INCHES

DIE NO.	RADIAL LEADS COMPONENTS FORMING DIES DESCRIPTION	ILLUS.
905-8AA THRU-8AS PAGE:72	SPREAD WITH LOCK. STAND OFF=.150 D RANGE= .150-.350 E RANGE= .100-.250	
905-8AAA THRU 905-8ASA PAGE:72	AS ABOVE EXCLUDING HOLE SIZE. 905-8AA THRU-8AS .030-.040 905-8AAA THRU 905-8ASA .041-.049	
905-8BA THRU-8BS PAGE:76	REDUCE WITH LOCK. STAND OFF=.125 D RANGE= .100-.250 E RANGE= .150-.350	
905-8BAA THRU 905-8BSA PAGE:76	AS ABOVE EXCLUDING HOLE SIZE. 905-8BA THRU-8BS .030-.040 905-8BAA THRU 905-8BSA .041-.049	

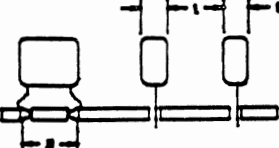
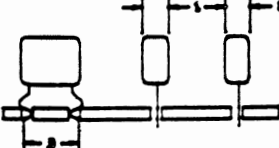
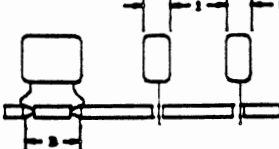
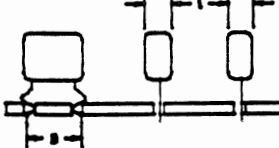
MEASUREMENTS IN MILLIMETERS

DIE NO.	RADIAL LEADS COMPONENTS FORMING DIES DESCRIPTION	ILLUS.
10-8A-(<) 10-8A-K > PAGE:73	SPREAD WITH LOCK-IN DIE D RANGE= 2.54-11.43 E RANGE= 3.81-15.24	 <p>The diagram shows a cross-section of a die with a circular end on the left. Dimension 'A' is indicated by a vertical double-headed arrow across the width of the die's body. Dimension 'E' is indicated by a vertical double-headed arrow across the total height of the die, including the circular end.</p>
10-8B-(<) 10-8B-K > PAGE:77	REDUCING WITH LOCK-IN DIE D RANGE= 2.54-11.43 E RANGE= 3.81-15.24	 <p>The diagram shows a cross-section of a die with a circular end on the left. Dimension 'W' is indicated by a horizontal double-headed arrow across the width of the die's body. Dimension 'D' is indicated by a vertical double-headed arrow across the height of the die's body.</p>

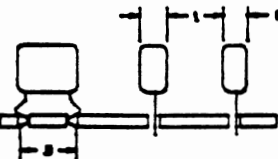
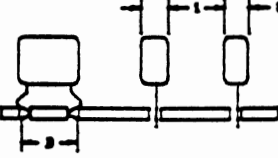
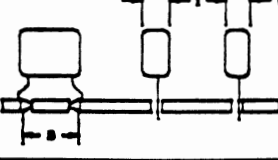
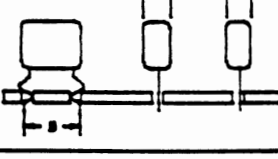
MEASUREMENTS IN INCHES

DIE NO.	RADIAL LEADS COMPONENTS FORMING DIES DESCRIPTION	ILLUS.
10-8A-() 10-8A-1K) PAGE:74	SPREAD WITH LOCK-IN DIE D RANGE= .100-.450 E RANGE= .150-.600	 <p>The diagram shows a cross-section of a die with a circular end on the left. A vertical dimension line labeled 'A' indicates the height of the die's main body. A larger vertical dimension line labeled 'E' indicates the total height of the die, including a wider section on the right.</p>
10-8B-() 10-8B-1K) PAGE:78	REDUCING WITH LOCK-IN DIE D RANGE= .100-.450 E RANGE= .150-.600	 <p>The diagram shows a cross-section of a die with a circular end on the left. Two vertical dimension lines are shown: 'W' indicates the height of the main body, and 'A' indicates the height of a narrower section on the right.</p>

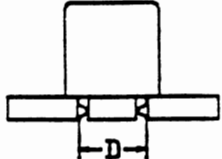
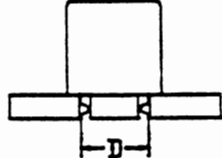
MEASUREMENTS IN MILLIMETERS

DIE NO.	2 LEADS RADIAL COMPONENT FORMING DIES DESCRIPTION	ILLUS.
905-10A() THRU-10G() PAGE:79	STAND OFF LOCK IN. D RANGE=2.54-10.16 STD-OFF=2.29 #1=1.27-3.81/#2=2.54-5.08 HEAD THICKNESS.	
905-10AA() THRU-10GA() PAGE:79	SAME AS ABOVE EXCLUDING HOLE DIA. 905-10A() THRU-10G() 0.76-1.02 DIA. 905-10AA() THRU-10GA() 1.04-1.24 DIA.	
905-10M() THRU-10S() PAGE:79	STAND OFF LOCK IN. D RANGE=2.54-10.16 STD-OFF=3.18 #1=1.27-3.81/#2=2.54-5.08 HEAD THICKNESS.	
905-10NA() THRU-10SA() PAGE:79	SAME AS ABOVE EXCLUDING HOLE DIA. 905-10M() THRU-10S() 1.02-1.27 DIA. 905-10NA() THRU-10SA() 1.30-1.50 DIA.	

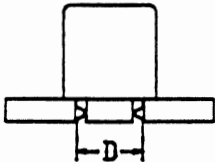
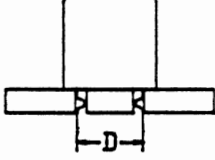
MEASUREMENTS IN INCHES

DIE NO.	2 LEADS RADIAL COMPONENTS FORMING DIES DESCRIPTION	ILLUS.
905-10A() THRU-10G() PAGE:80	STAND OFF LOCK IN. D RANGE=.100-.400 STAND OFF=.090 #1=.050-.150/#2=.100-.200 HEAD THICKNESS.	
905-10AA() THRU-10GA() PAGE:80	SAME AS ABOVE EXCLUDING HOLE DIA. 905-10A() THRU-10G() .030-.040 DIA. 905-10AA() THRU-10GA() .041-.049 DIA.	
905-10M() THRU-10S() PAGE:80	STAND OFF LOCK IN. D RANGE=.100-.400 STAND OFF=.125 #1=.050-.150/#2=.100-.200 HEAD THICKNESS.	
905-10NA() THRU-10SA() PAGE:80	SAME AS ABOVE EXCLUDING HOLE DIA. 905-10M() THRU-10S() .040-.050 DIA. 905-10NA() THRU-10SA() .051-.059 DIA.	

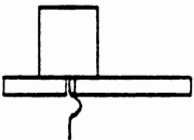
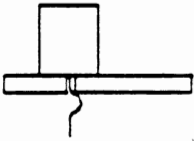
MEASUREMENTS IN MILLIMETERS

DIE NO.	2 LEADS RADIAL COMPONENT FORMING DIES DESCRIPTION	ILLUS.
905-11(C) (10THRU40) (ATHRU D) PAGE:81	FLUSH MOUNTING. D RANGE=2.54-8.89 FOR 0.64 WIRE DIA.	
905-11B(C) (10THRU40) (ATHRU D) PAGE:81	SAME AS ABOVE EXCLUDING WIRE DIA. WIRE DIA.=0.64-0.89	

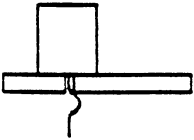
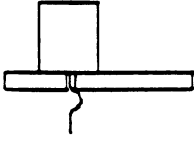
MEASUREMENTS IN INCHES

DIE NO.	2 LEADS RADIAL COMPONENTS FORMING DIES DESCRIPTION	ILLUS.
905-11(A) (10THRU40) (ATHRU D) PAGE:82	FLUSH MOUNTING. D RANGE=.100-.350 FOR .025 WIRE DIA.	
905-11B(A) (10THRU40) (ATHRU D) PAGE:82	SAME AS ABOVE EXCLUDING WIRE DIA. WIRE DIA.=.025-.035	

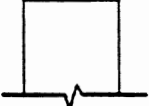
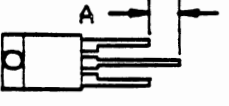
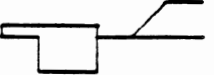
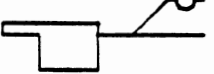
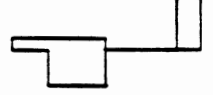
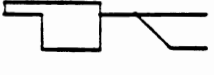
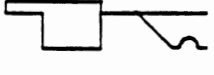
MEASUREMENTS IN MILLIMETERS

DIE NO.	2 LEADS RADIAL COMPONENTS FORMING DIES DESCRIPTION	ILLUS.
10-14 PAGE:83	2 LEADS COMPONENT FORMS DIMPLES INTO LEADS TO PRODUCE A FLUSH MOUNT LOCK-IN CONFIGURATION.	
10-14B PAGE:83	AS ABOVE - (FOR LARGER WIRE DIAMETERS).	

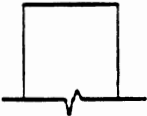
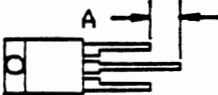
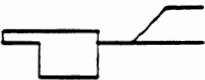
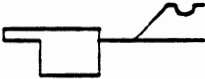
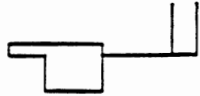


MEASUREMENTS IN INCHES

DIE NO.	2 LEADS RADIAL COMPONENTS FORMING DIES DESCRIPTION	ILLUS.
10-14 PAGE:84	2 LEADS COMPONENT FORMS DIMPLES INTO LEADS TO PRODUCE A FLUSH MOUNT LOCK-IN CONFIGURATION.	
10-14B PAGE:84	AS ABOVE - (FOR LARGER WIRE DIAMETERS).	

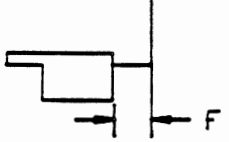
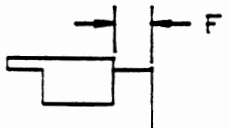
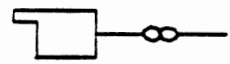
MEASUREMENTS IN MILLIMETERS

DIE NO.	TO-220 FORMING DESCRIPTION	ILLUS.
10-11-6A PAGE:85	KNIFE FOR TO-220 ZERO CENTER RELIEF. CUTS LEADS IN LINE TO-220	
10-11-6(05) 10-11-6(10) 10-11-6(15) 10-11-6(20)	KNIFE FOR TO-220 STAGGERED CUTTING KNIFE (A) CAN EQUAL 1.27, 2.54, 3.81, OR 5.08	
10-11-7 PAGE:87	TO-220 3 LEADS OFFSETS MIDDLE LEAD TOWARD HEAT SINK OFFSET RANGE=1.27-7.62 1.27 INCREMENTS	
10-11-8 PAGE:89	TO-220 3 LEADS AS ABOVE WITH LOCK-IN ON MIDDLE LEAD OFFSET RANGE=1.27-5.08 1.27 INCREMENTS	
10-11-10 PAGE:91	TO-220 3 LEADS DOUBLE ANGLE BEND DIE 3 LEADS @ 90° 3 LEADS	
10-11-12 PAGE:87	TO-220 3 LEADS OFFSETS MIDDLE LEAD AWAY FROM HEAT SINK OFFSET RANGE=1.27-7.62 1.27 INCREMENTS	
10-11-13 PAGE:89	TO-220 3 LEADS AS ABOVE WITH LOCK-IN ON MIDDLE LEAD OFFSET RANGE=1.27-5.08 1.27 INCREMENTS	

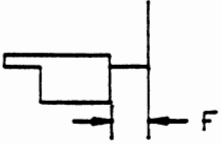
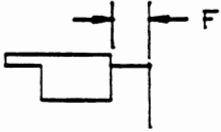
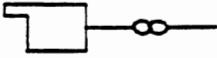
MEASUREMENTS IN INCHES

DIE NO.	TO-220 FORMING DESCRIPTION	ILLUS.
10-11-6A PAGE:86	KNIFE FOR TO-220 ZERO CENTER RELIEF. CUTS LEADS IN LINE TO-220	
10-11-6(05) 10-11-6(10) 10-11-6(15) 10-11-6(20)	KNIFE FOR TO-220 STAGGERED CUTTING KNIFE (A) CAN EQUAL .050, .100, .150, .200	
10-11-7 PAGE:88	TO-220 3 LEADS OFFSETS MIDDLE LEAD TOWARD HEAT SINK OFFSET RANGE=.050-.300 .050 INCREMENTS	
10-11-8 PAGE:90	TO-220 3 LEADS AS ABOVE WITH LOCK-IN ON MIDDLE LEAD OFFSET RANGE=.050-.200 .050 INCREMENTS	
10-11-10 PAGE:92	TO-220 3 LEADS DOUBLE ANGLE BEND DIE 3 LEADS @ 90° 3 LEADS	
10-11-12 PAGE:88	TO-220 3 LEADS OFFSETS MIDDLE LEAD AWAY FROM HEAT SINK OFFSET RANGE=.050-.300 .050 INCREMENTS	
10-11-13 PAGE:90	TO-220 3 LEADS AS ABOVE WITH LOCK-IN ON MIDDLE LEAD OFFSET RANGE=.050-.200 .050 INCREMENTS	

MEASUREMENTS IN MILLIMETERS

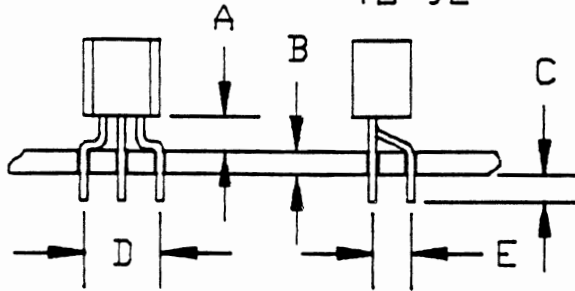
DIE NO.	TO-220 FORMING DESCRIPTION	ILLUS.
10-11-16 PAGE:93	TO-220 3 LEADS BENDS ALL LEADS AT 90° TOWARDS HEATSINK F RANGE=2.54-7.62	
10-11-17 PAGE:93	TO-220 3 LEADS BENDS ALL LEADS AT 90° AWAY FROM HEATSINK F RANGE=2.54-7.62	
10-11-27() PAGE:95	TO-220 3 LEADS FORMS DIMPLES INTO LEADS TO PRODUCE A LOCK-IN, STAND-OFF CONFIGURATION	
	SHUTTLE INFORMATION ON PAGES 97 THRU 107	

MEASUREMENTS IN INCHES

DIE NO.	TO-220 FORMING DESCRIPTION	ILLUS.
10-11-16 PAGE:94	TO-220 3 LEADS BENDS ALL LEADS AT 90° TOWARDS HEATSINK F RANGE=.100-.300	
10-11-17 PAGE:94	TO-220 3 LEADS BENDS ALL LEADS AT 90° AWAY FROM HEATSINK F RANGE=.100-.300	
10-11-270 PAGE:96	TO-220 3 LEADS FORMS DIMPLES INTO LEADS TO PRODUCE A LOCK-IN, STAND-OFF CONFIGURATION	
	SHUTTLE INFORMATION ON PAGES 98 THRU 108	

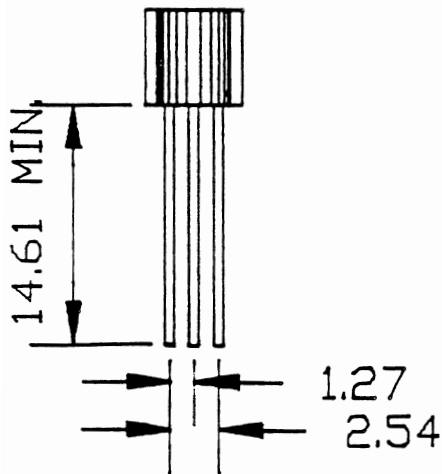
905-1A FORM
 OFFSETS MIDDLE LEAD 2.54
 MEASUREMENTS IN MILLIMETERS

TD-92

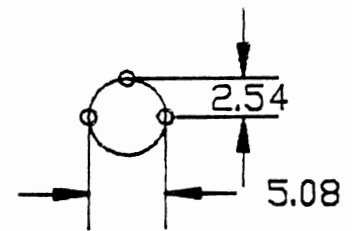


A	2.29
B	1.59
C	1.59
D	5.08
E	2.54

STATION:

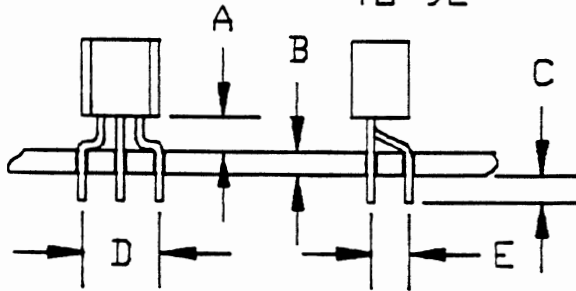


HOLE PATTERN



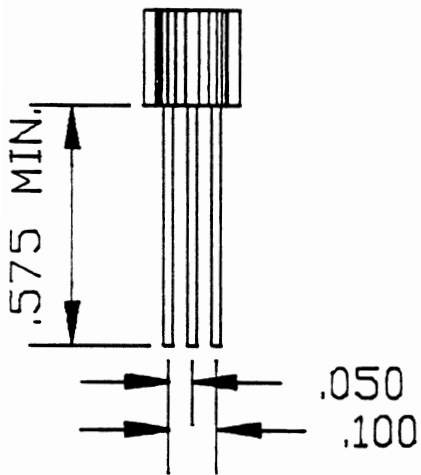
	T0/B0	T1/B1	T2/B2
CF-10	10-1-1F	905-1A	905-5 KNIFE

905-1A FORM
 OFFSETS MIDDLE LEAD .100
 MEASUREMENTS IN INCHES
 TO-92

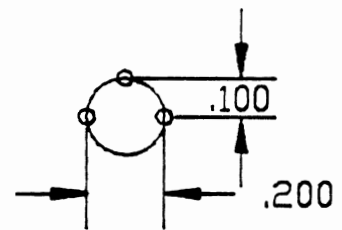


A	.090
B	.062
C	.062
D	.200
E	.100

STATION:

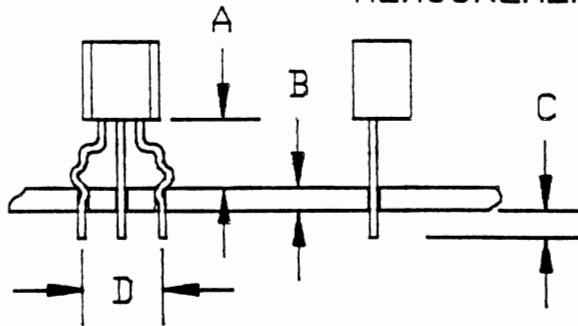


HOLE PATTERN

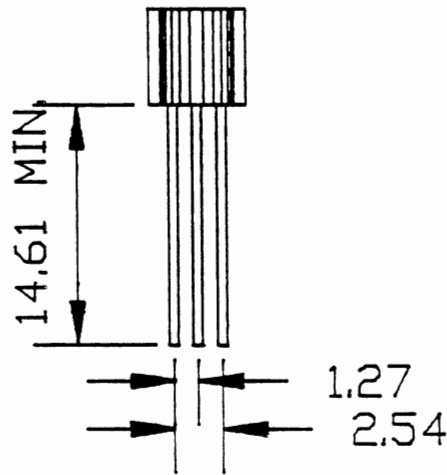


	T0/B0	T1/B1	T2/B2
CF-10	10-1-1F	905-1A	905-5 KNIFE

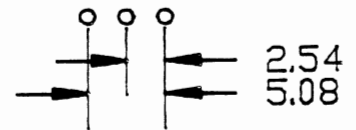
905-1C FORM
 FORMS A LOCK-IN, STAND-OFF CONFIGURATION.
 MEASUREMENTS IN MILLIMETERS



A	4.57
B	1.59
C	1.59
D	5.08



HOLE PATTERN



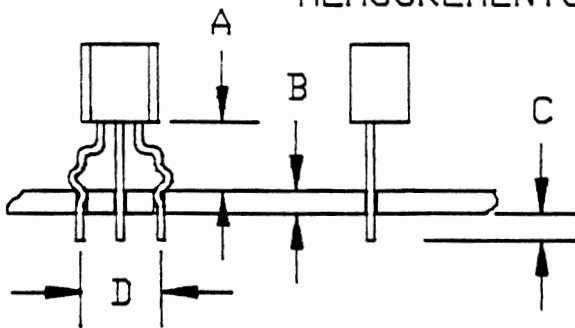
STATION:

	T0/B0	T1/B1	T2/B2
CF-10	10-1-1E	905-1C * (A OR B)	905-5B KNIFE

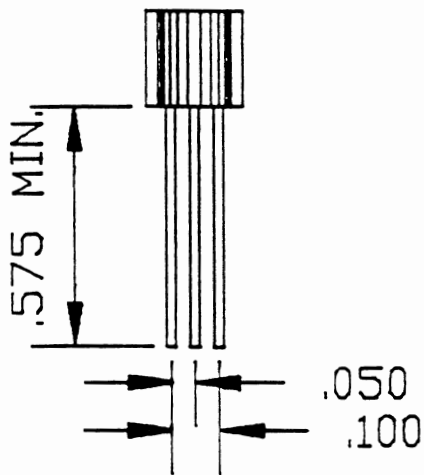
* 905-1CA TO BE USED WITH 0.76-1.14 WIRE DIAMETERS.

* 905-1CB TO BE USED WITH 0.89-1.27 WIRE DIAMETERS.

905-1C FORM
 FORMS A LOCK-IN, STAND-OFF CONFIGURATION.
 MEASUREMENTS IN INCHES



A	.180
B	.062
C	.062
D	.200



HOLE PATTERN



STATION:

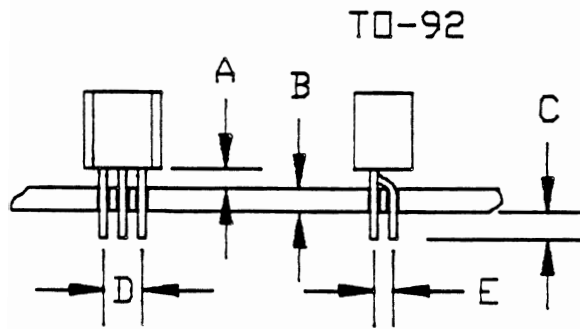
	T0/B0	T1/B1	T2/B2
CF-10	10-1-1E	905-1C* (A OR B)	905-5B KNIFE

* 905-1CA TO BE USED WITH .030-.045 WIRE DIAMETERS.

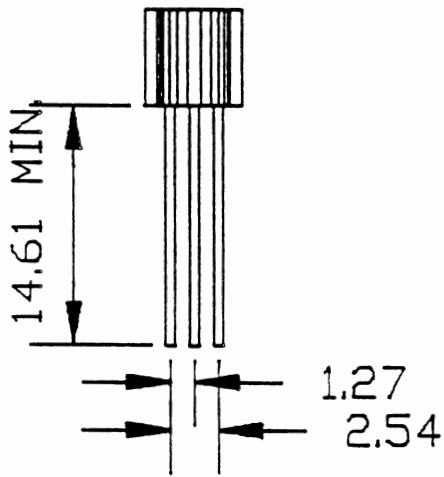
* 905-1CB TO BE USED WITH .035-.050 WIRE DIAMETERS.

905-1D FORM

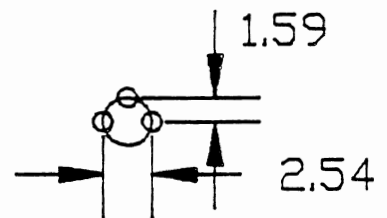
OFFSETS MIDDLE LEAD 1.59
MEASUREMENTS IN MILLIMETERS



A	1.27
B	1.59
C	1.59
D	2.54
E	1.59



HOLE PATTERN



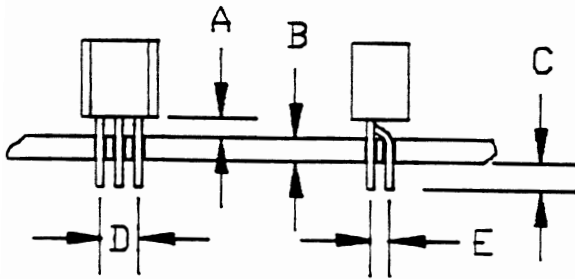
STATION:

	T0/B0	T1/B1	T2/B2
CF-10	-----	905-1D	905-5 I KNIFE

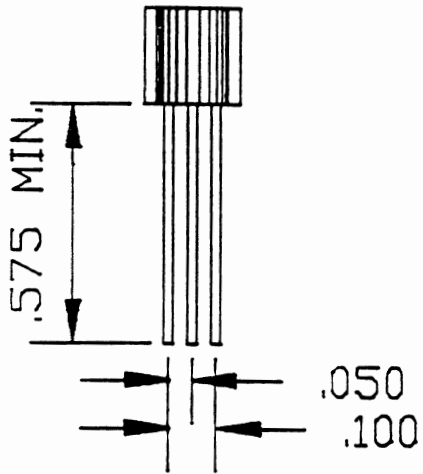
905-1D FORM

OFFSETS MIDDLE LEAD .062
MEASUREMENTS IN INCHES

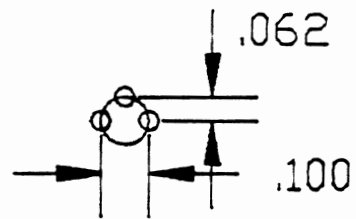
T0-92



A	.050
B	.062
C	.062
D	.100
E	.062



HOLE PATTERN



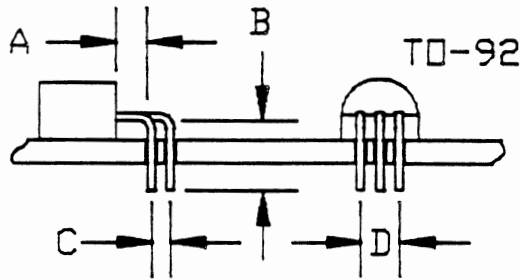
STATION:

	T0/B0	T1/B1	T2/B2
CF-10	-----	905-1D	905-5 I KNIFE

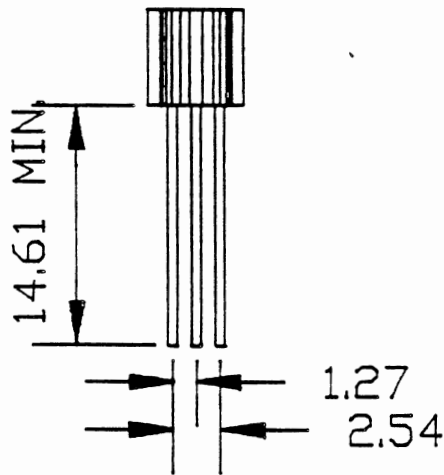
905-1E FORM

FORM 905-1E IS PRODUCED BY DIES 905-1E1 & 905-1E2.
 905-1E1 BENDS AND CUTS THE MIDDLE LEAD.
 905-1E2 BENDS AND CUTS THE TWO OUTSIDE LEADS.

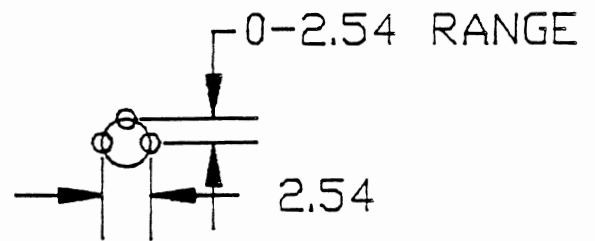
MEASUREMENTS IN MILLIMETERS



A	2.03
B	4.57
C	.000 THRU 2.54
D	2.54



HOLE PATTERN



STATION:

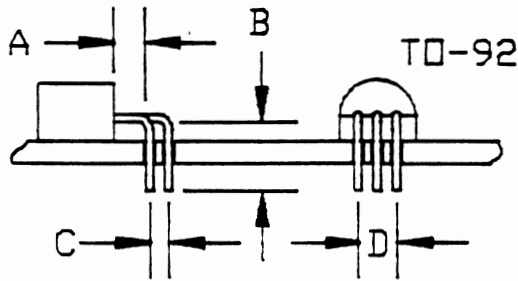
	T0/B0	T1/B1	T2/B2
CF-10	-----	905-1E ¹	905-1E ² *

* DIE 905-1E3 IS AVAILABLE FOR FORMING ALL
 LEADS IN LINE AT 90° WITH A MIN. (A) DIMENSION OF 2.03.

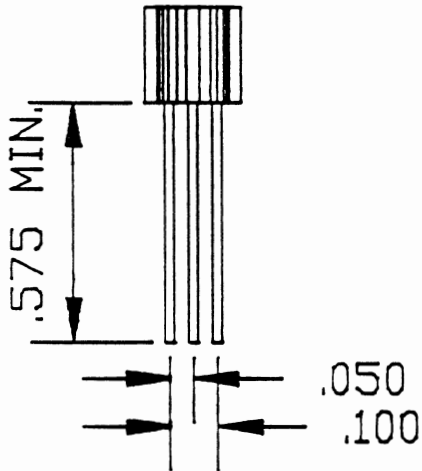
905-1E FORM

FORM 905-1E IS PRODUCED BY DIES 905-1E1 & 905-1E2.
 905-1E1 BENDS AND CUTS THE MIDDLE LEAD.
 905-1E2 BENDS AND CUTS THE TWO OUTSIDE LEADS.

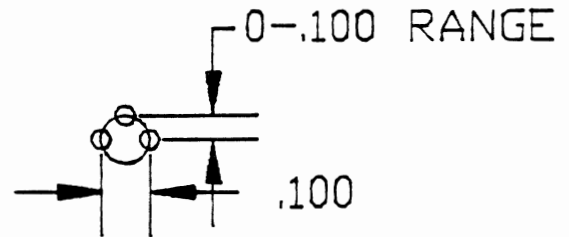
MEASUREMENTS IN INCHES



A	.080
B	.180
C	.000 THRU .100
D	.100



HOLE PATTERN



STATION:

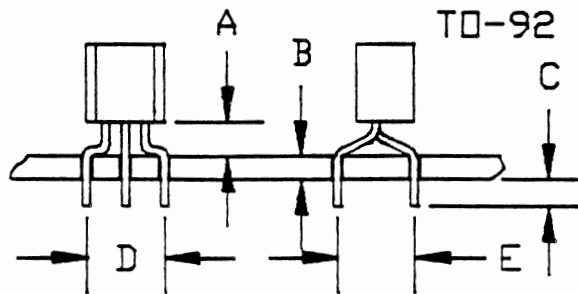
	T0/B0	T1/B1	T2/B2
CF-10		905-1E ¹	905-1E ² *

* DIE 905-1E3 IS AVAILABLE FOR FORMING ALL
 LEADS IN LINE AT 90° WITH A MIN. (A) DIMENSION OF .080.

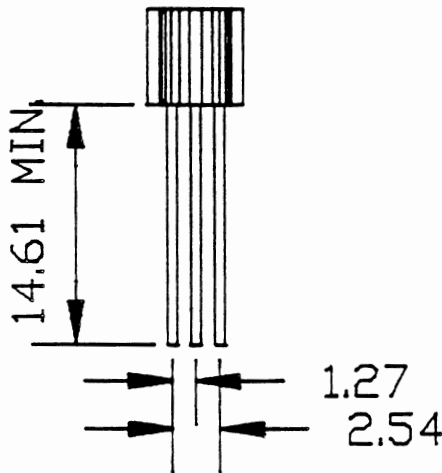
905-1G FORM

FORM 905-1G IS PRODUCED BY DIES 905-1A AND 905-1G.
 905-1A OFFSETS THE MIDDLE LEAD 2.54.
 905-1G OFFSETS THE TWO OUTSIDE LEADS 2.54 IN THE
 OPPOSITE DIRECTION.

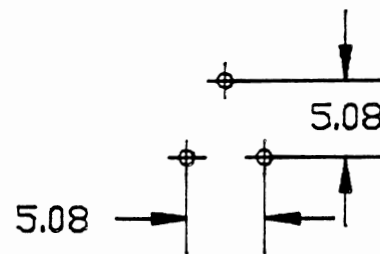
MEASUREMENTS IN MILLIMETERS



A	2.29
B	1.59
C	1.59
D	5.08
E	5.08



HOLE PATTERN



STATION:

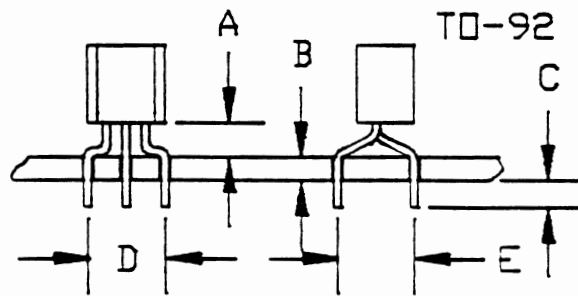
	T0/B0	T1/B1	T2/B2
CF-10	10-1-1F	905-1A	905-1G *

* EJECTOR BRACKETS ARE REQUIRED WITH THIS FORM.

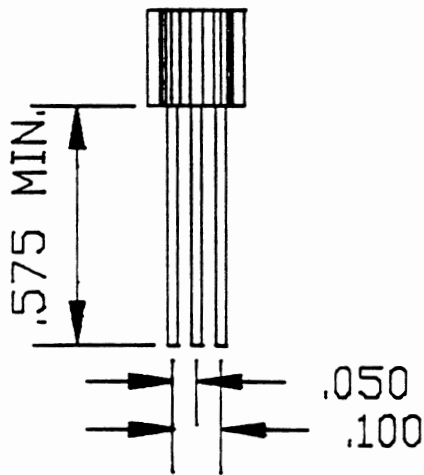
905-1G FORM

FORM 905-1G IS PRODUCED BY DIES 905-1A AND 905-1G.
 905-1A OFFSETS THE MIDDLE LEAD .100.
 905-1G OFFSETS THE TWO OUTSIDE LEADS .100 IN THE
 OPPOSITE DIRECTION.

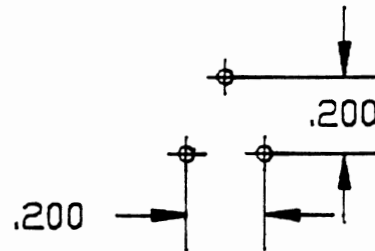
MEASUREMENTS IN INCHES



A	.090
B	.062
C	.062
D	.200
E	.200



HOLE PATTERN



STATION:

	T0/B0	T1/B1	T2/B2
CF-10	10-1-1F	905-1A	905-1G *

* EJECTOR BRACKETS ARE REQUIRED WITH THIS FORM.

905-1H FORM

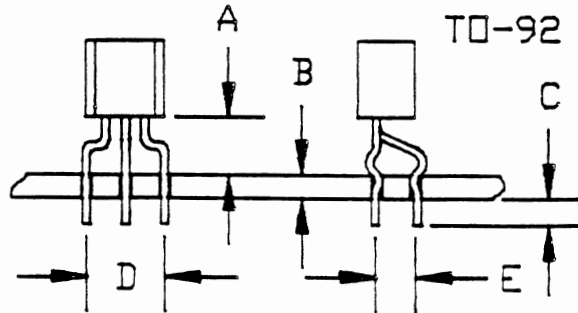
FOR 0.76-1.27 P.C.BOARD HOLE DIAMETERS.

FORM 905-1H IS PRODUCED BY DIES 905-1H4 AND 905-1H5.

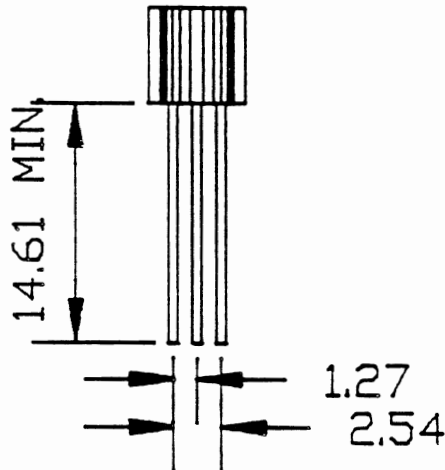
905-1H4 OFFSETS, LOCKS AND CUTS THE MIDDLE LEAD.

905-1H5 LOCKS AND CUTS THE TWO OUTSIDE LEADS.

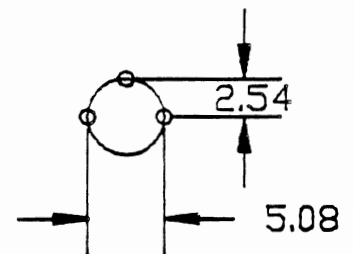
MEASUREMENTS IN MILLIMETERS



A	3.81
B	1.59
C	1.59
D	5.08
E	2.54



HOLE PATTERN



STATION:

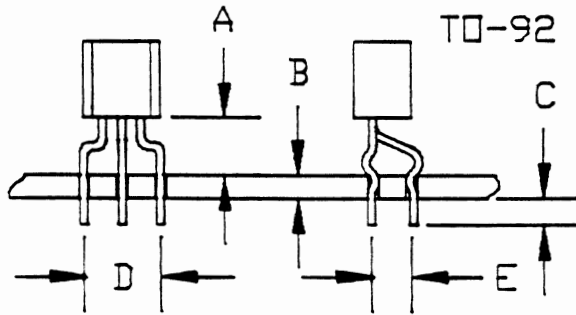
	T0/B0	T1/B1	T2/B2
CF-10	10-1-1E	905-1H ⁴	905-1H ⁵ * 5

* EJECTOR BRACKETS ARE REQUIRED WITH THIS FORM.

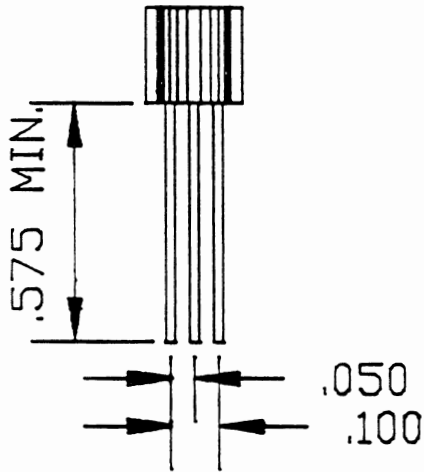
905-1H FORM

FOR .030-.050 P.C.BOARD HOLE DIAMETERS.
 FORM 905-1H IS PRODUCED BY DIES 905-1H4 AND 905-1H5.
 905-1H4 OFFSETS, LOCKS AND CUTS THE MIDDLE LEAD.
 905-1H5 LOCKS AND CUTS THE TWO OUTSIDE LEADS.

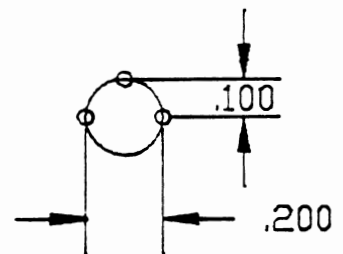
MEASUREMENTS IN INCHES



A	.150
B	.062
C	.062
D	.200
E	.100



HOLE PATTERN



STATION:

	T0/B0	T1/B1	T2/B2
CF-10	10-1-1E	905-1H ⁴	905-1H ⁵ * 905-1H*

* EJECTOR BRACKETS ARE REQUIRED WITH THIS FORM.

905-1I FORM

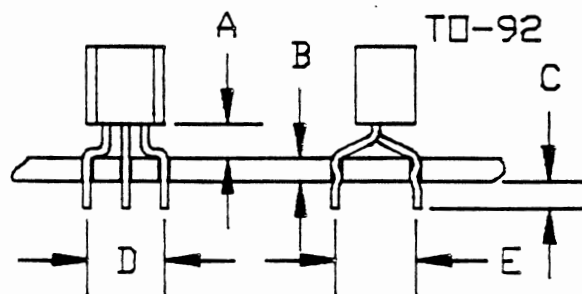
FOR 0.64-1.02 P.C.BOARD HOLE DIAMETERS.

FORM 905-1I IS PRODUCED BY DIES 905-1 AND 905-1I.

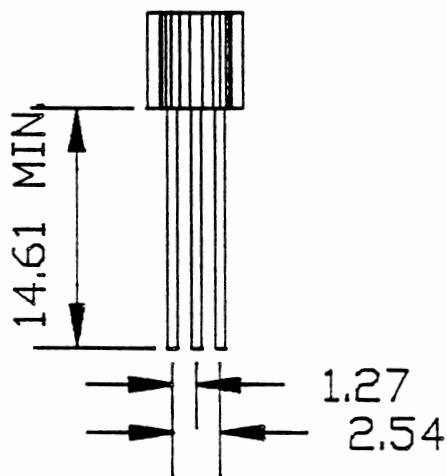
905-1 OFFSETS, LOCKS AND CUTS THE MIDDLE LEAD.

905-1I OFFSETS, LOCKS AND CUTS THE TWO OUTSIDE LEADS IN THE OPPOSITE DIRECTION.

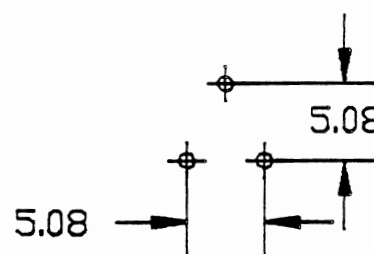
MEASUREMENTS IN MILLIMETERS



A	2.29
B	1.59
C	1.59
D	5.08
E	5.08



HOLE PATTERN



STATION:

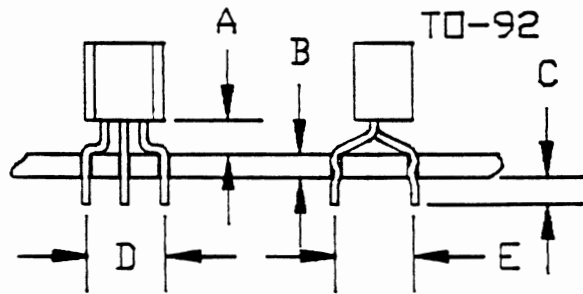
	T0/B0	T1/B1	T2/B2
CF-10	10-1-1F	905-1	905-1I *

* EJECTOR BRACKETS ARE REQUIRED WITH THIS FORM.

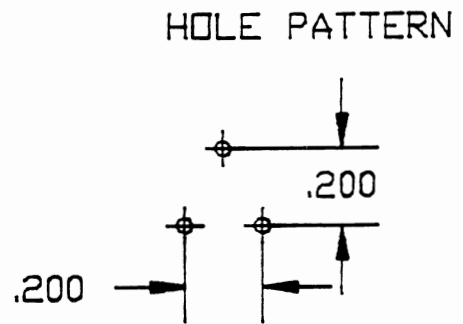
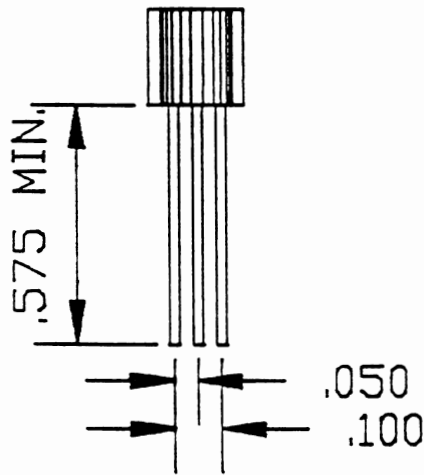
905-1I FORM

FOR .025-.040 P.C.BOARD HOLE DIAMETERS.
 FORM 905-1I IS PRODUCED BY DIES 905-1 AND 905-1I.
 905-1 OFFSETS, LOCKS AND CUTS THE MIDDLE LEAD.
 905-1I OFFSETS, LOCKS AND CUTS THE TWO OUTSIDE LEADS
 IN THE OPPOSITE DIRECTION.

MEASUREMENTS IN INCHES



A	.090
B	.062
C	.062
D	.200
E	.200



STATION:

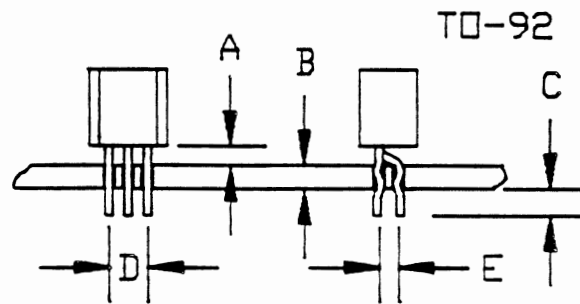
	T0/B0	T1/B1	T2/B2
CF-10	10-1-1F	905-1	905-1I *

* EJECTOR BRACKETS ARE REQUIRED WITH THIS FORM.

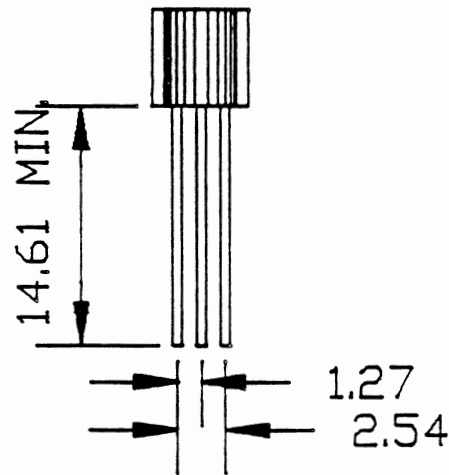
905-1J FORM

FORM 905-1J IS PRODUCED BY DIES 905-1J1 AND 905-1J2.
 905-1J1 OFFSETS, LOCKS AND CUTS THE MIDDLE LEAD.
 905-1J2 LOCKS AND CUTS THE TWO OUTSIDE LEADS.

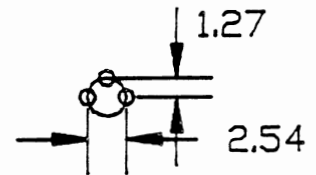
MEASUREMENTS IN MILLIMETERS



A	1.27
B	1.59
C	1.59
D	2.54
E	1.27



HOLE PATTERN



STATION:

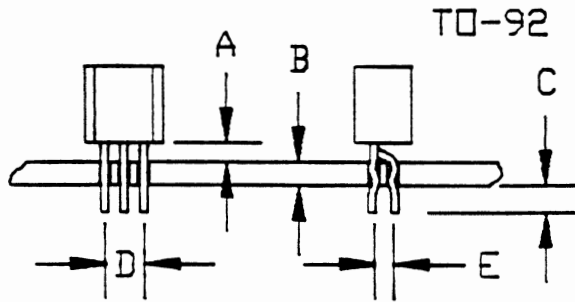
	T0/B0	T1/B1	T2/B2
CF-10	-----	905-1J ¹	905-1J ² * *

*EJECTOR BRACKETS MAY BE REQUIRED WITH THIS FORM.

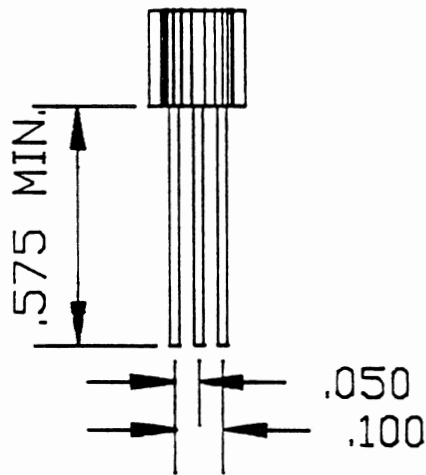
905-1J FORM

FORM 905-1J IS PRODUCED BY DIES 905-1J1 AND 905-1J2.
 905-1J1 OFFSETS, LOCKS AND CUTS THE MIDDLE LEAD.
 905-1J2 LOCKS AND CUTS THE TWO OUTSIDE LEADS.

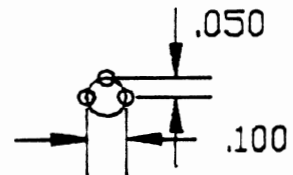
MEASUREMENTS IN INCHES



A	.050
B	.062
C	.062
D	.100
E	.050



HOLE PATTERN



STATION:

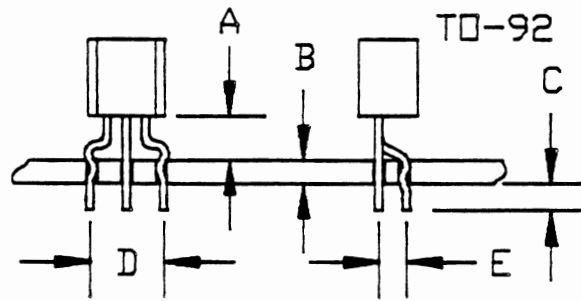
	T0/B0	T1/B1	T2/B2
CF-10	-----	905-1J ¹	905-1J ² *

*EJECTOR BRACKETS MAY BE REQUIRED WITH THIS FORM.

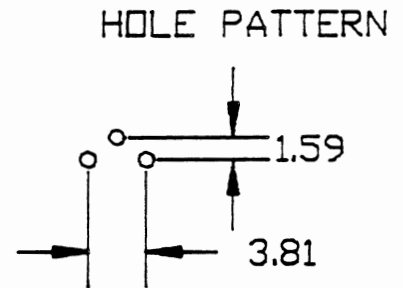
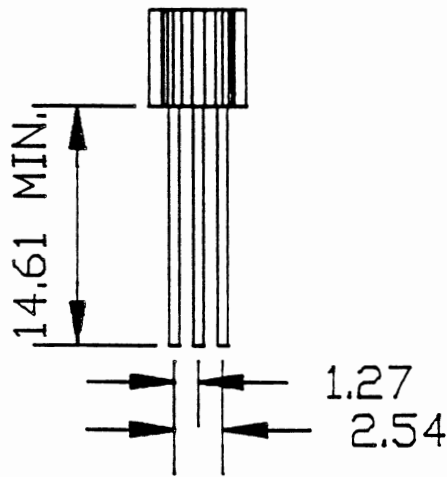
905-1K FORM

FORM 905-1K IS PRODUCED BY DIES 905-1K1 AND 905-1K2. 905-1K1 REDUCES AND LOCKS THE TWO OUTSIDE LEADS. 905-1K2 OFFSETS AND LOCKS THE MIDDLE LEAD AND CUTS ALL THREE LEADS.

MEASUREMENTS IN MILLIMETERS



A	3.05
B	1.59
C	1.59
D	3.81
E	1.59



STATION:

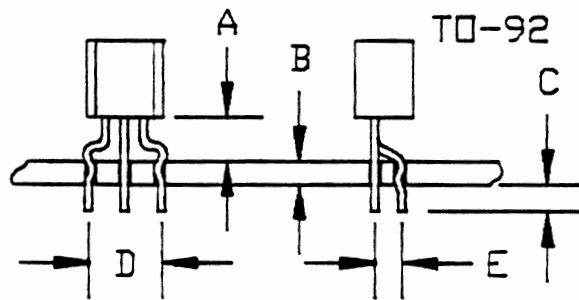
	T0/B0	T1/B1	T2/B2
CF-10	10-1-1E	905-1K ¹	905-1K ² *

* EJECTOR BRACKETS ARE REQUIRED WITH THIS FORM.

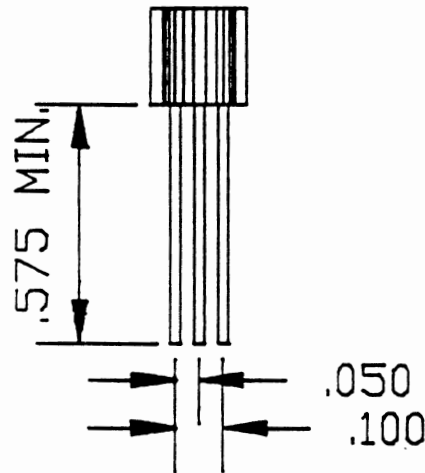
905-1K FORM

FORM 905-1K IS PRODUCED BY DIES 905-1K1 AND 905-1K2. 905-1K1 REDUCES AND LOCKS THE TWO OUTSIDE LEADS. 905-1K2 OFFSETS AND LOCKS THE MIDDLE LEAD AND CUTS ALL THREE LEADS.

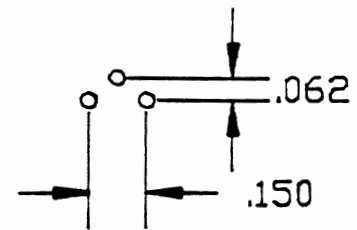
MEASUREMENTS IN INCHES



A	.120
B	.062
C	.062
D	.150
E	.062



HOLE PATTERN



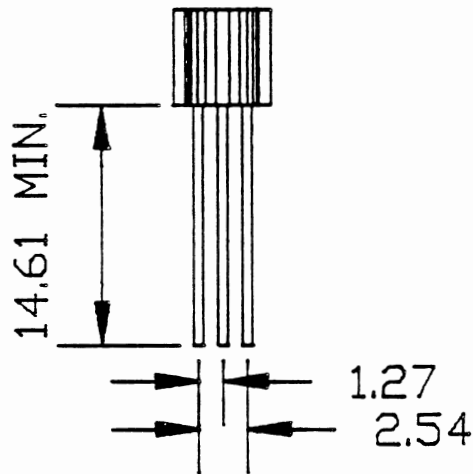
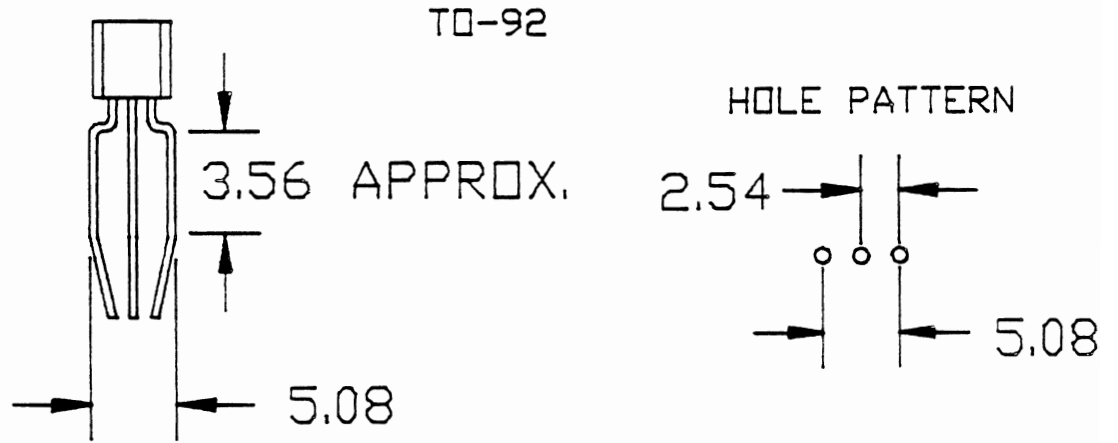
STATION:

	T0/B0	T1/B1	T2/B2
CF-10	10-1-1E	905-1K ¹	905-1K ² *

* EJECTOR BRACKETS ARE REQUIRED WITH THIS FORM.

905 - 1L1 FORM

905-1L1 WILL SPREAD 2.54 TO 5.08
MEASUREMENTS IN MILLIMETERS

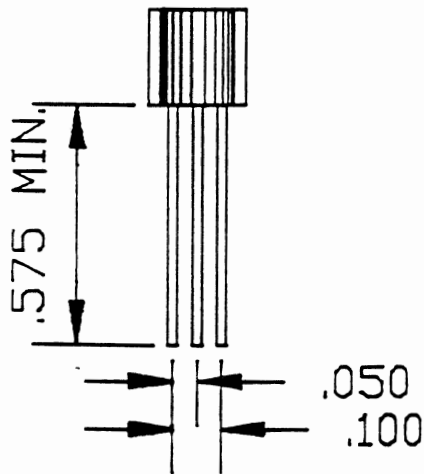
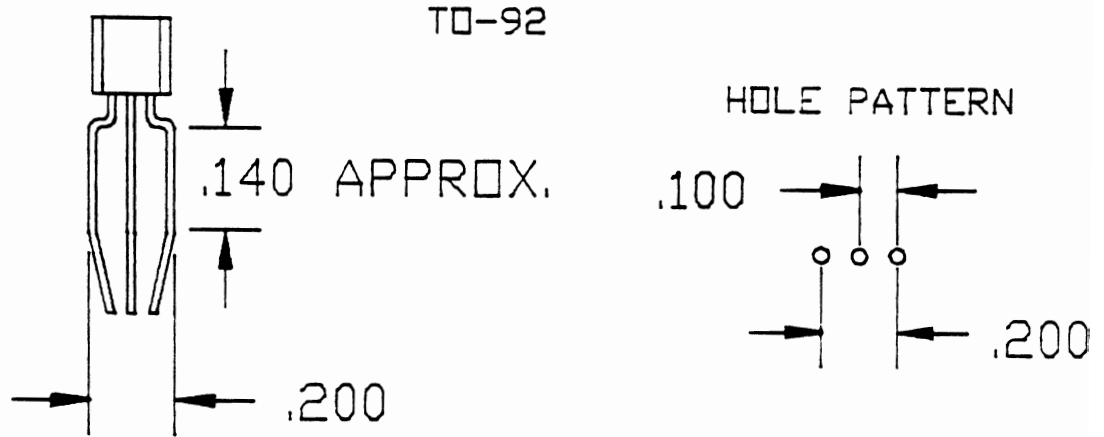


STATION:

	T0/B0	T1/B1	T2/B2
CF-10	-----	905-1L1	-----

905 - 1L1 FORM

905-1L1 WILL SPREAD .100 TO .200
MEASUREMENTS IN INCHES



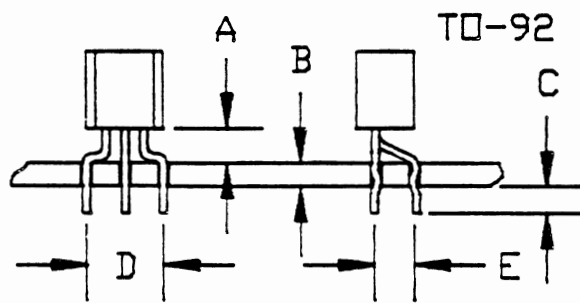
STATION:

	T0/B0	T1/B1	T2/B2
CF-10	-----	905-1L1	-----

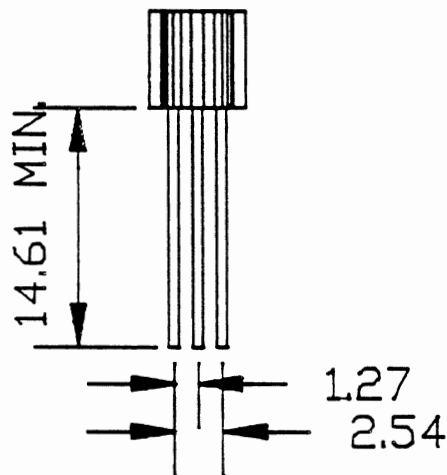
905 - 1L4 FORM

LOCKS-IN TO A 0.76-1.27 DIA. P.C.BOARD HOLE
 DIE 905-1L4 WILL PRODUCE A MIDDLE LEAD OFFSET AND
 WILL CUT AND LOCK ALL THREE LEADS.

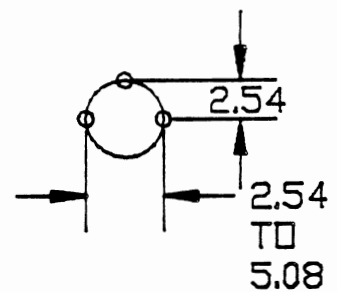
MEASUREMENTS IN MILLIMETERS



A	2.29
B	1.59
C	1.27
D	2.54 OR 5.08
E	2.54



HOLE PATTERN



STATION:

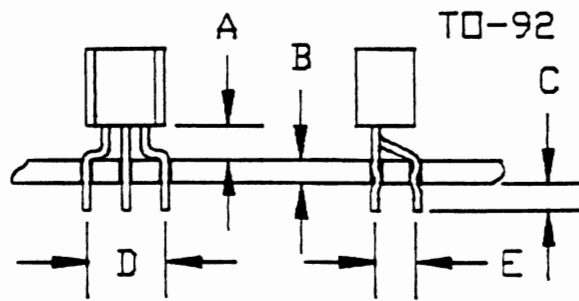
	T0/B0	T1/B1	T2/B2
CF-10	-----	-----	905-1L4

905-1L1 SPREAD DIE ONLY 2.54 TO 5.08
 * EJECTOR BRACKETS ARE REQUIRED WITH THIS FORM.

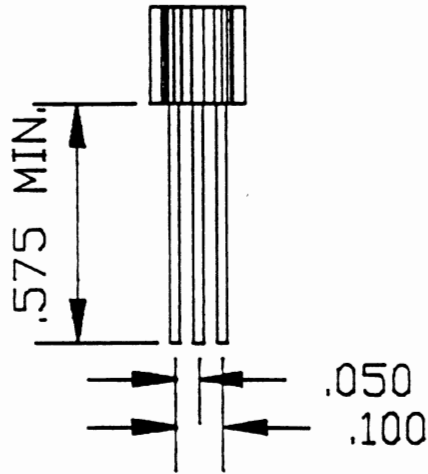
905 - 1L4 FORM

LOCKS-IN TO A .030-.050 DIA. P.C.BOARD HOLE
 DIE 905-1L4 WILL PRODUCE A MIDDLE LEAD OFFSET AND
 WILL CUT AND LOCK ALL THREE LEADS.

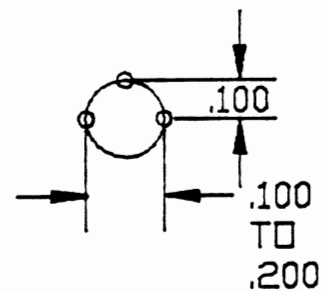
MEASUREMENTS IN INCHES



A	.090
B	.062
C	.050
D	.100 OR .200
E	.100



HOLE PATTERN



STATION:

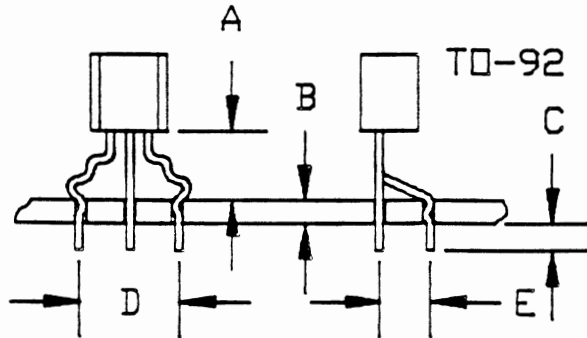
	T0/B0	T1/B1	T2/B2
CF-10	-----	-----	905-1L4

905-1L1 SPREAD DIE ONLY .100 TO .200
 * EJECTOR BRACKETS ARE REQUIRED WITH THIS FORM.

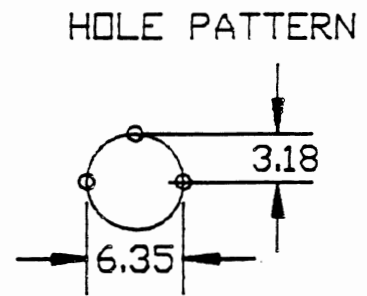
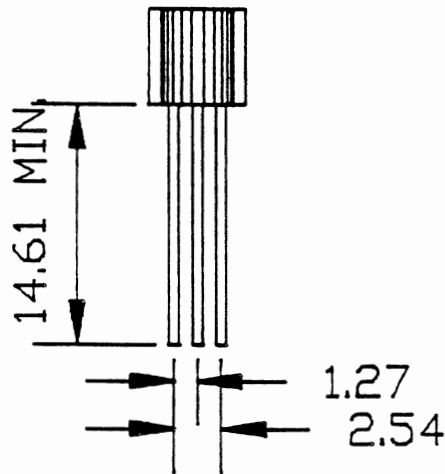
905-1N FORM

FORM 905-1N IS PRODUCED BY DIES 905-1N1 AND 905-1N2
 905-1N1 SPREADS AND LOCKS THE TWO OUTSIDE LEADS.
 905-1N2 OFFSETS AND LOCKS THE MIDDLE LEAD
 AND CUTS ALL THREE LEADS.

MEASUREMENTS IN MILLIMETERS



A	4.57
B	1.59
C	1.59
D	6.35
E	3.18



STATION:

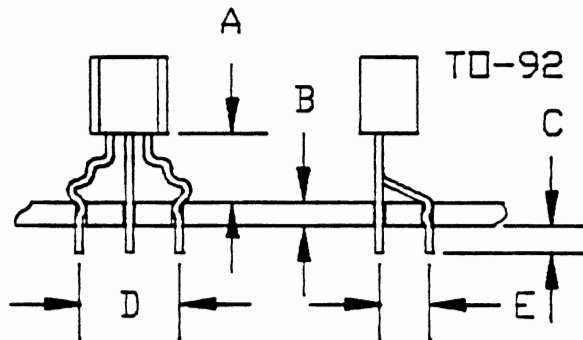
	T0/B0	T1/B1	T2/B2
CF-10	10-1-1E	905-1N ¹	905-1N ²

EJECTOR BRACKETS ARE REQUIRED WITH THIS FORM.

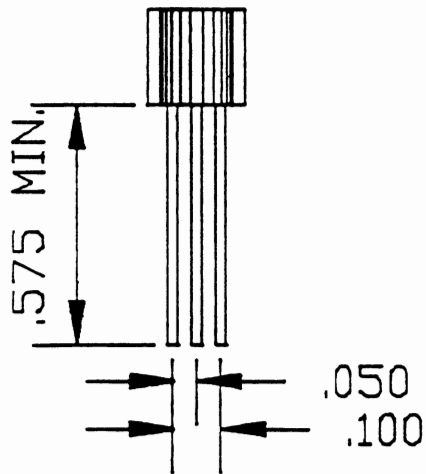
905-1N FORM

FORM 905-1N IS PRODUCED BY DIES 905-1N1 AND 905-1N2
 905-1N1 SPREADS AND LOCKS THE TWO OUTSIDE LEADS.
 905-1N2 OFFSETS AND LOCKS THE MIDDLE LEAD
 AND CUTS ALL THREE LEADS.

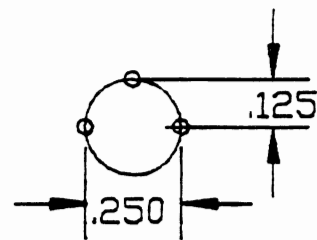
MEASUREMENTS IN INCHES



A	.180
B	.062
C	.062
D	.250
E	.125



HOLE PATTERN



STATION:

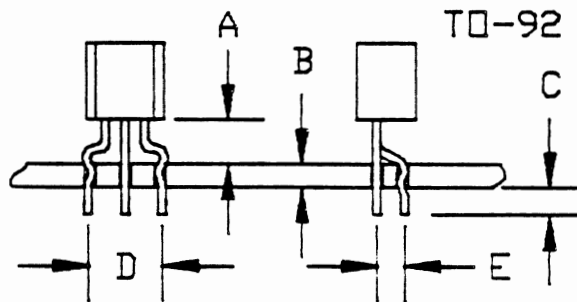
	T0/B0	T1/B1	T2/B2
CF-10	10-1-1E	905-1N ¹	905-1N ²

EJECTOR BRACKETS ARE REQUIRED WITH THIS FORM.

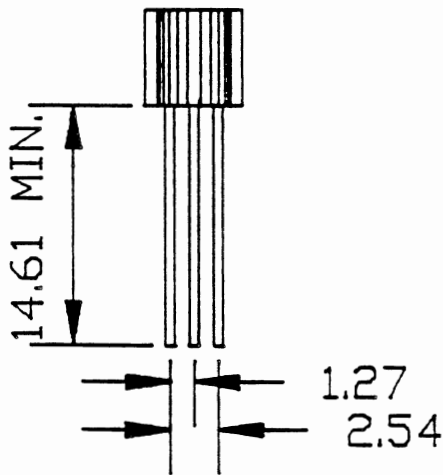
905-1P FORM

LOCKS-IN TO A 0.76-1.02 DIA. P.C.BOARD HOLE
 FORM 905-1P IS PRODUCED BY DIES 905-1P1 AND 905-1P2.
 905-1P1 REDUCES AND LOCKS THE TWO OUTSIDE LEADS.
 905-1P2 OFFSETS AND LOCKS MIDDLE LEAD AND
 CUTS ALL THREE LEADS.

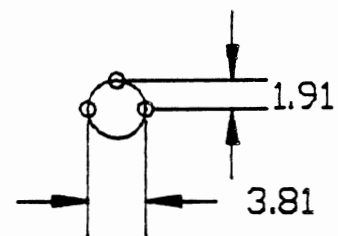
MEASUREMENTS IN MILLIMETERS



A	3.05
B	1.59
C	1.59
D	3.81
E	1.91



HOLE PATTERN



STATION:

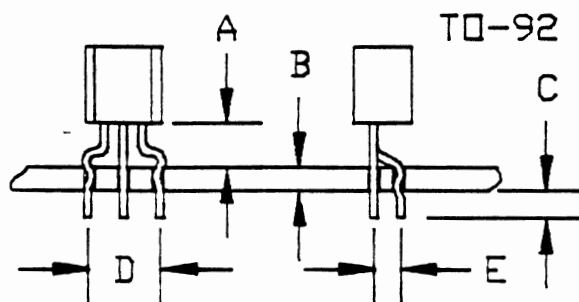
	T0/B0	T1/B1	T2/B2
CF-10	10-1-1E	905-1P ¹	905-1P ² *

* EJECTOR BRACKETS ARE REQUIRED WITH THIS FORM.

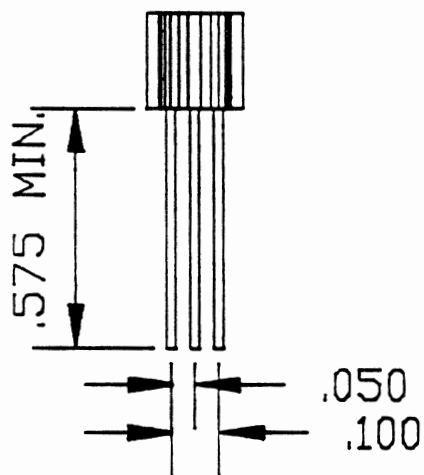
905-1P FORM

LOCKS-IN TO A .030-.040 DIA. P.C.BOARD HOLE
 FORM 905-1P IS PRODUCED BY DIES 905-1P1 AND 905-1P2.
 905-1P1 REDUCES AND LOCKS THE TWO OUTSIDE LEADS.
 905-1P2 OFFSETS AND LOCKS MIDDLE LEAD AND
 CUTS ALL THREE LEADS.

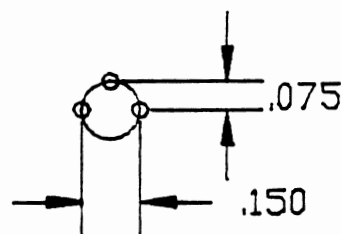
MEASUREMENTS IN INCHES



A	.120
B	.062
C	.062
D	.150
E	.075



HOLE PATTERN

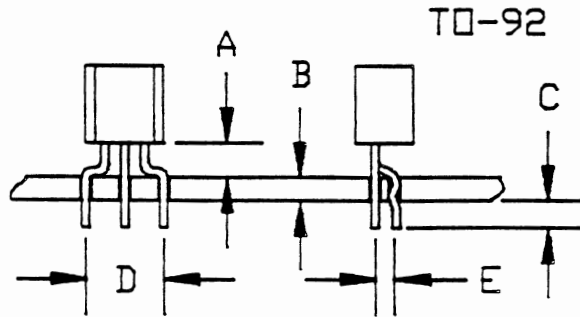


STATION:

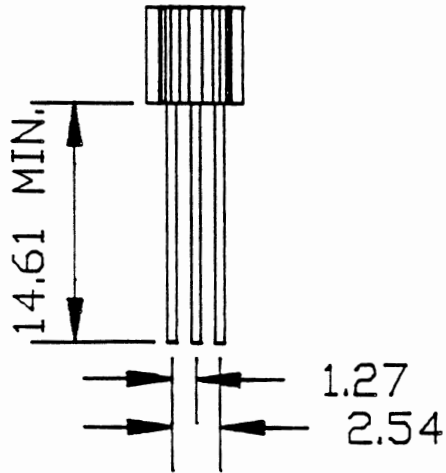
	T0/B0	T1/B1	T2/B2
CF-10	10-1-1E	905-1P ¹	905-1P ² *

* EJECTOR BRACKETS ARE REQUIRED WITH THIS FORM.

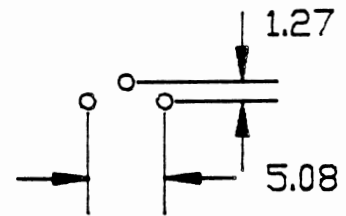
905-1R FORM
 OFFSETS AND LOCKS MIDDLE LEAD.
 MEASUREMENTS IN MILLIMETERS



A	2.29
B	1.59
C	1.59
D	5.08
E	1.27



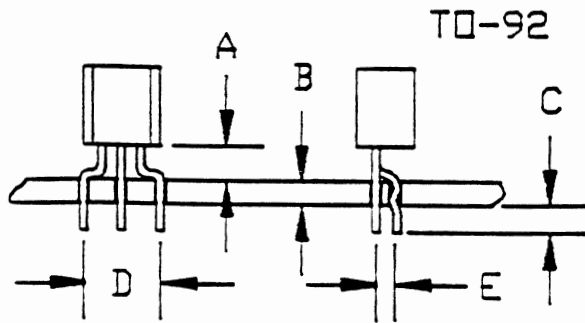
HOLE PATTERN



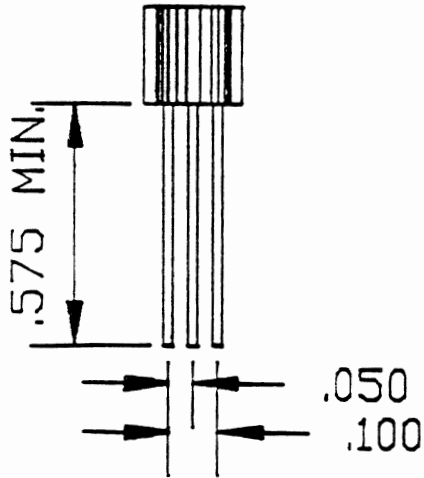
STATION:

	T0/B0	T1/B1	T2/B2
CF-10	10-1-1F	905-1R FORMING	905-5 KNIFE

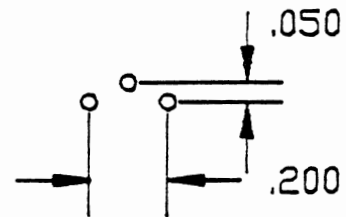
905-1R FORM
 OFFSETS AND LOCKS MIDDLE LEAD.
 MEASUREMENTS IN INCHES



A	.090
B	.062
C	.062
D	.200
E	.050



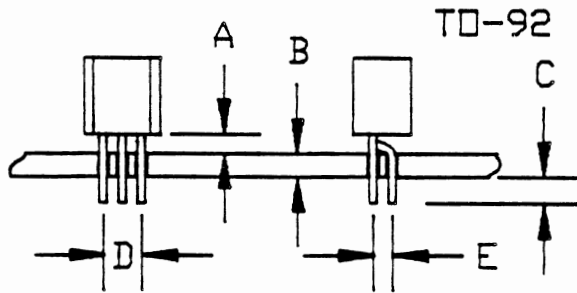
HOLE PATTERN



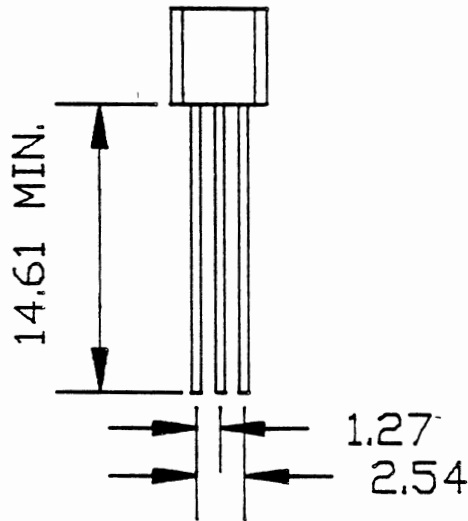
STATION:

	T0/B0	T1/B1	T2/B2
CF-10	10-1-1F	905-1R FORMING	905-5 KNIFE

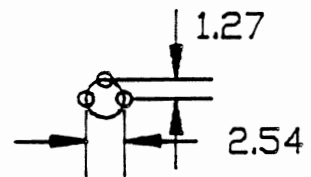
905-1S FORM
 OFFSETS MIDDLE LEAD.
 MEASUREMENTS IN MILLIMETERS



A	1.27
B	1.59
C	1.59
D	2.54
E	1.27



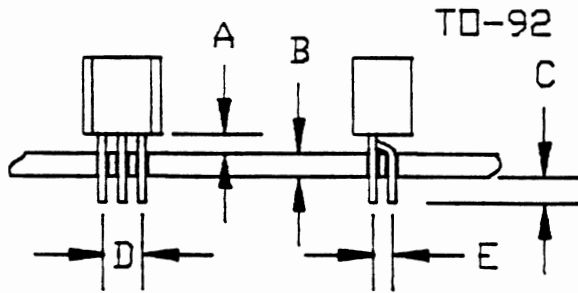
HOLE PATTERN



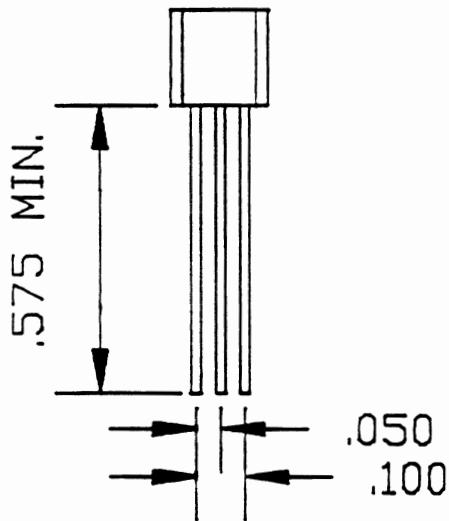
STATION:

	T0/B0	T1/B1	T2/B2
CF-10	—	905-1S	905-5I KNIFE

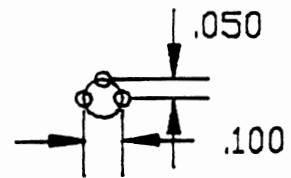
905-1S FORM
 OFFSETS MIDDLE LEAD.
 MEASUREMENTS IN INCHES



A	.050
B	.062
C	.062
D	.100
E	.050



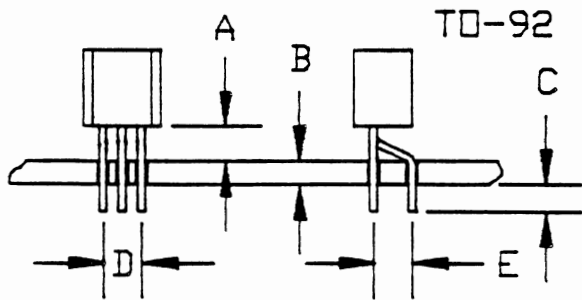
HOLE PATTERN



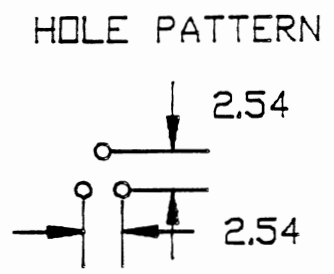
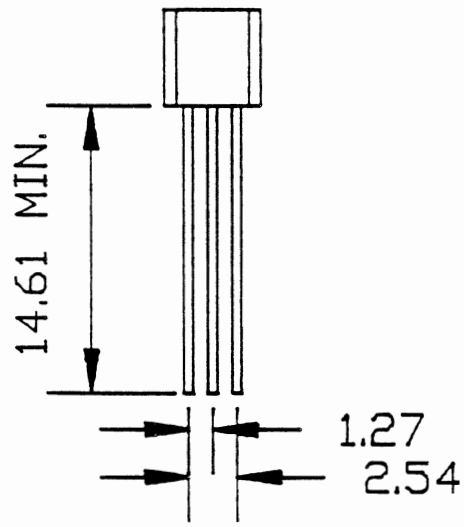
STATION:

	T0/B0	T1/B1	T2/B2
CF-10	—	905-1S	905-5I KNIFE

905-1T FORM
 OFFSETS MIDDLE LEAD.
 MEASUREMENTS IN MILLIMETERS



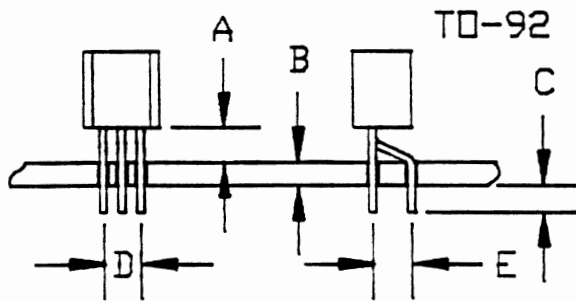
A	2.29
B	1.59
C	1.59
D	2.54
E	2.54



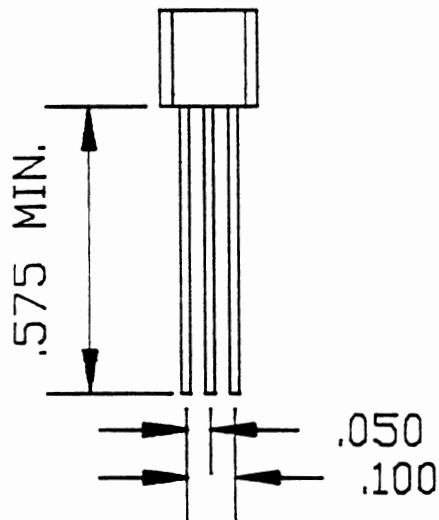
STATION:

	T0/B0	T1/B1	T2/B2
CF-10	—	905-1T	905-5I KNIFE

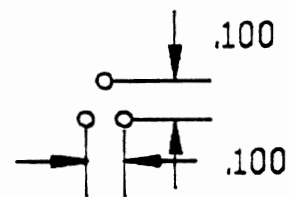
905-1T FORM
 OFFSETS MIDDLE LEAD.
 MEASUREMENTS IN INCHES



A	.090
B	.062
C	.062
D	.100
E	.100



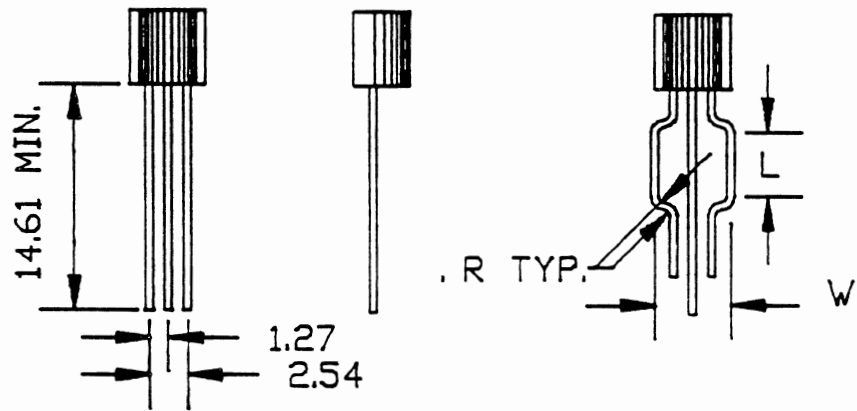
HOLE PATTERN



STATION:

	T0/B0	T1/B1	T2/B2
CF-10	—	905-1T	905-5I KNIFE

TO-92 SPREADING DIES, MEASUREMENTS IN MILLIMETERS TO-92

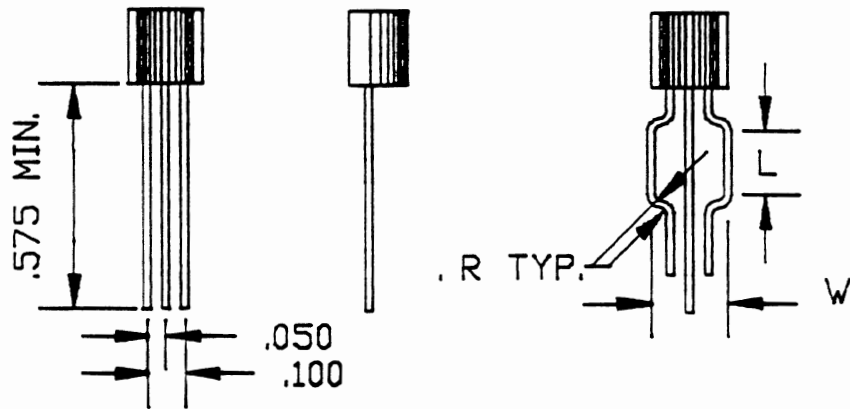


DIE	L	R	W
10-1-1A	6.10	0.25	5.08
10-1-1B	5.08	0.25	6.35
10-1-1C	4.57	0.25	5.08
10-1-1D	3.05	0.25	5.08
10-1-1E	5.33	0.38	5.08
10-1-1F	3.81	0.38	5.08
10-1-1G	2.29	0.38	5.08
10-1-1L	3.81	0.38	3.81

THESE DIES AVAILABLE ONLY FOR THE CF-10.

TO-92 SPREADING DIES.

MEASUREMENTS IN INCHES
TO-92

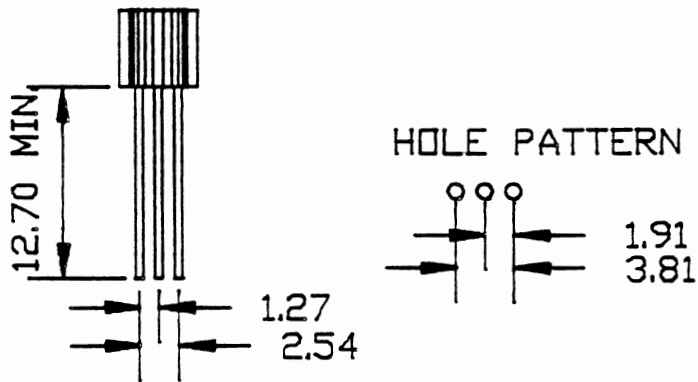
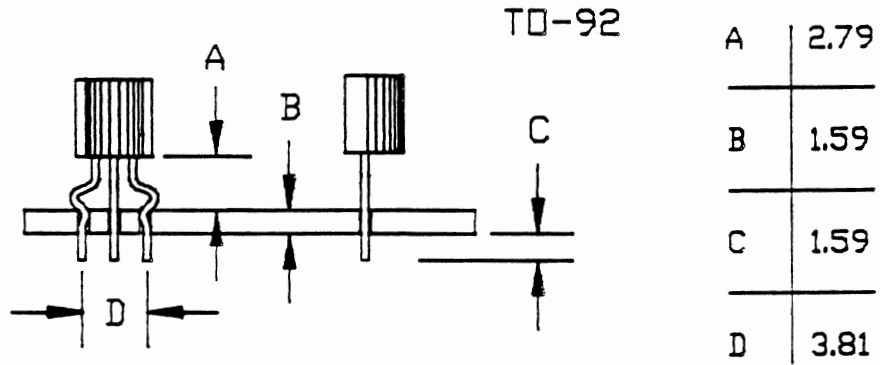


DIE	L	R	W
10-1-1A	.240	.010	.200
10-1-1B	.200	.010	.250
10-1-1C	.180	.010	.200
10-1-1D	.120	.010	.200
10-1-1E	.210	.015	.200
10-1-1F	.150	.015	.200
10-1-1G	.090	.015	.200
10-1-1L	.150	.015	.150

THESE DIES AVAILABLE ONLY FOR THE CF-10.

10-1-1H FORM.

SPREADS 2.54-3.81 AND FORMS LOCK ON LEADS 1 & 3.
MEASUREMENTS IN MILLIMETERS



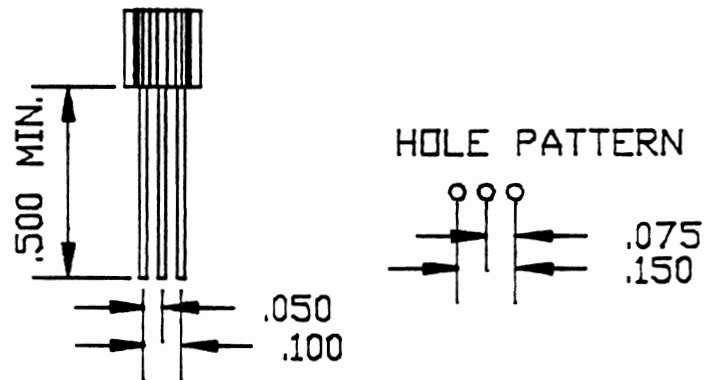
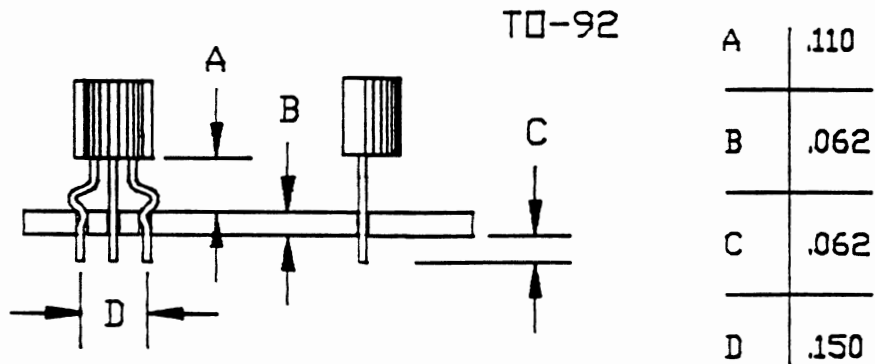
STATION:

	T0/B0	T1/B1	T2/B2
CF-10	10-1-1H*	—	KNIFE 905-5B

*
-1HA & -1HB AVAILABLE DEPENDING ON HOLE SIZE.

10-1-1H FORM.

SPREADS .100-.150 AND FORMS LOCK ON LEADS 1 & 3.
MEASUREMENTS IN INCHES

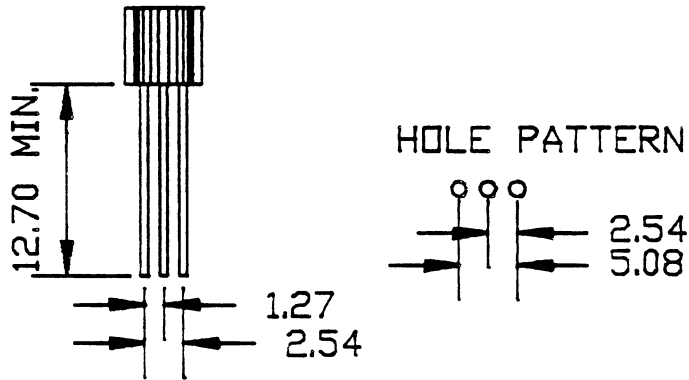
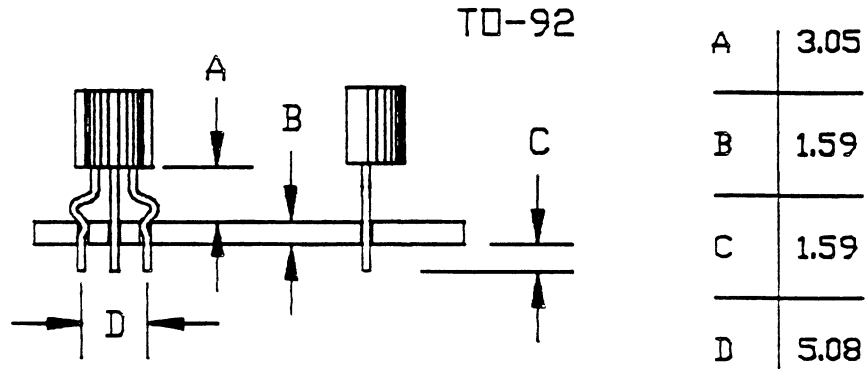


STATION:

	T0/B0	T1/B1	T2/B2
CF-10	10-1-1H*	—	KNIFE 905-5B

*
-1HA & -1HB AVAILABLE DEPENDING ON HOLE SIZE.

10-1-1J FORM.
 FOR 0.76-1.14 P.C.BOARD HOLE DIAMETERS
 SPREADS 2.54-5.08 AND FORMS LOCK ON LEADS 1 & 3.
 MEASUREMENTS IN MILLIMETERS



STATION:

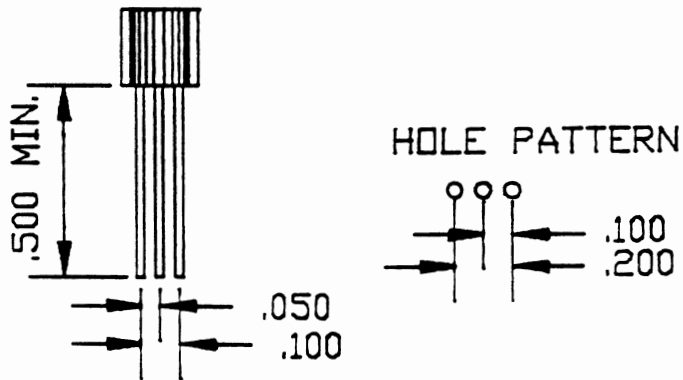
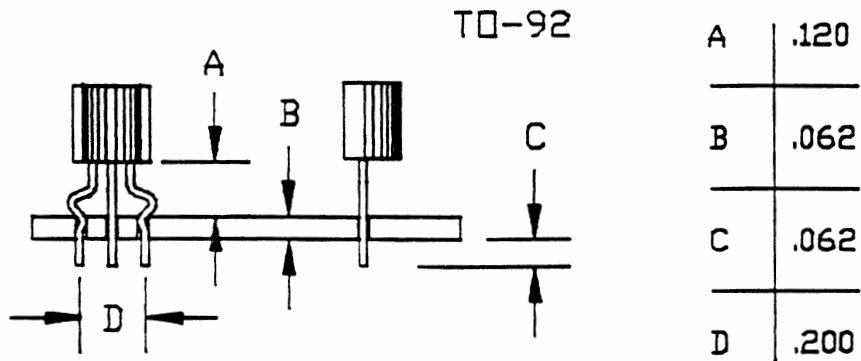
	T0/B0	T1/B1	T2/B2
CF-10	10-1-1J*	—	KNIFE 905-5B

*
 -1JA & -1JB AVAILABLE DEPENDING ON HOLE SIZE.

10-1-1J FORM.

FOR .030-.045 P.C.B. HOLE DIAMETERS

SPREADS .100-.200 AND FORMS LOCK ON LEADS 1 & 3.
MEASUREMENTS IN INCHES



STATION:

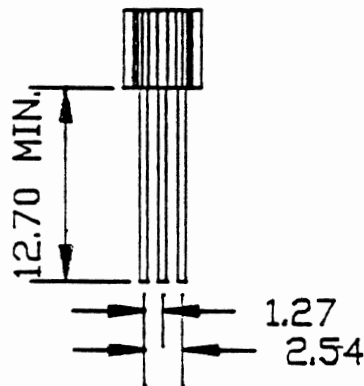
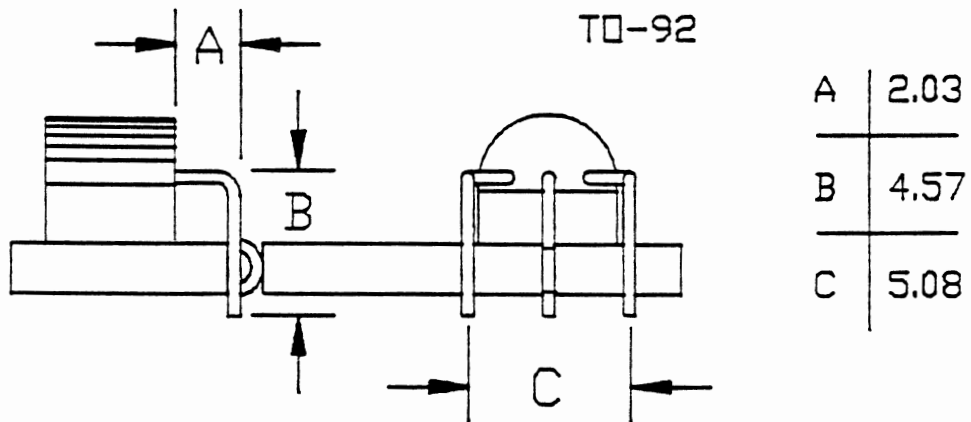
	T0/B0	T1/B1	T2/B2
CF-10	10-1-1J*	—	KNIFE 905-5B

* -1JA & -1JB AVAILABLE DEPENDING ON HOLE SIZE.

10-1-3G FORM.

CUTS AND FORMS DIMPLE ON MIDDLE LEAD.
 TO BE USED IN CONJUNCTION WITH DIES 10-1-1G AND
 905-1E3 TO FORM COMPONENT SHAPE SHOWN BELOW.

MEASUREMENTS IN MILLIMETERS



HOLE PATTERN



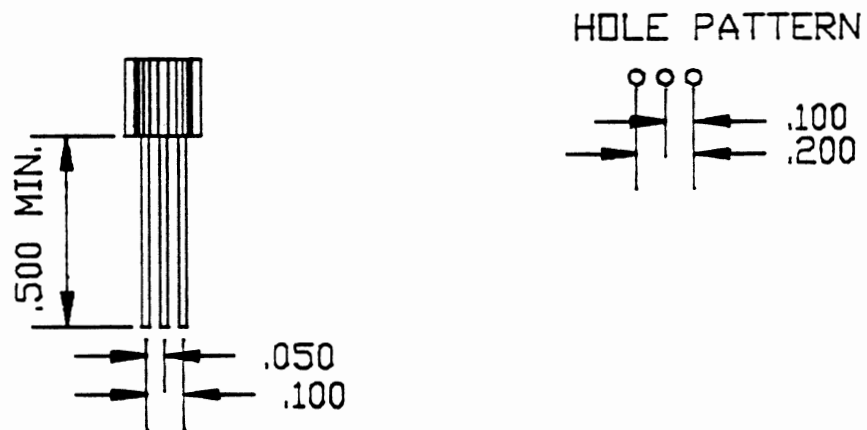
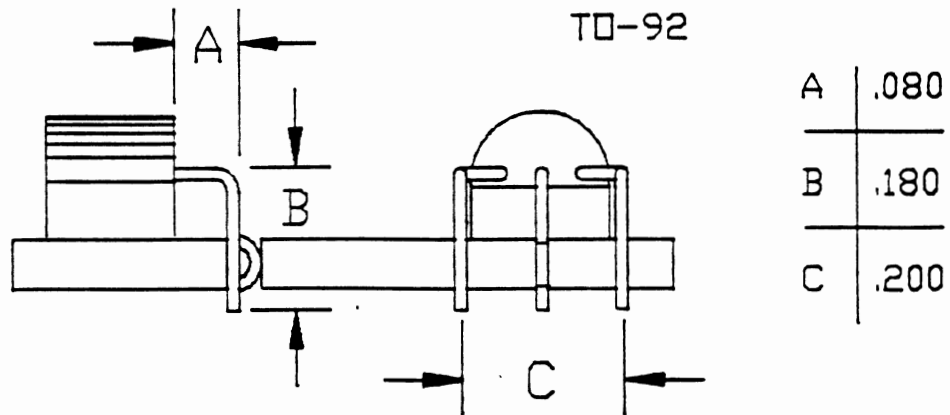
STATION:

	T0/B0	T1/B1	T2/B2
CF-10	10-1-1G	10-1-3G	905-1E(3)

10-1-3G FORM.

CUTS AND FORMS DIMPLE ON MIDDLE LEAD.
 TO BE USED IN CONJUNCTION WITH DIES 10-1-1G AND
 905-1E3 TO FORM COMPONENT SHAPE SHOWN BELOW.

MEASUREMENTS IN INCHES

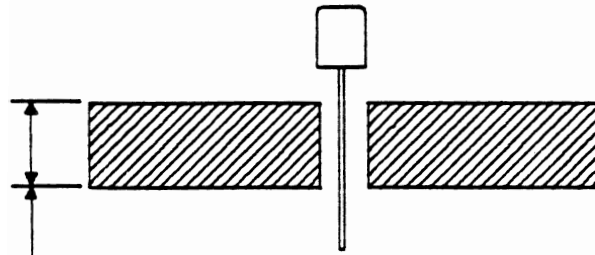


STATION:

	T0/B0	T1/B1	T2/B2
CF-10	10-1-1G	10-1-3G	905-1E(3)

FLATTENING DIE.

MEASUREMENTS IN MILLIMETERS



5.08 & 10.16 FLATTENING AREA AVAILABLE.
 CENTER TO CENTER RANGE= 1.52-15.24

10-1-2A/ 10.16

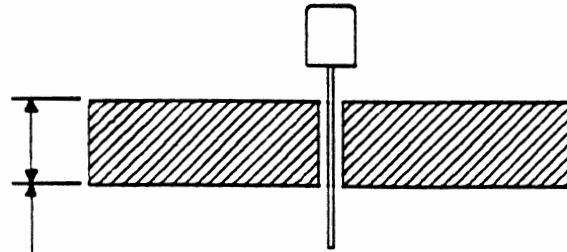
10-1-2B/ 5.08

STATION:

	T0/B0	T1/B1	T2/B2
CF-10		10-1-2A 10-1-2B	

FLATTENING DIE.

MEASUREMENTS IN INCHES



.200 & .400 FLATTENING AREA AVAILABLE.
CENTER TO CENTER RANGE= .060-.600

10-1-2A/ .400

10-1-2B/ .200

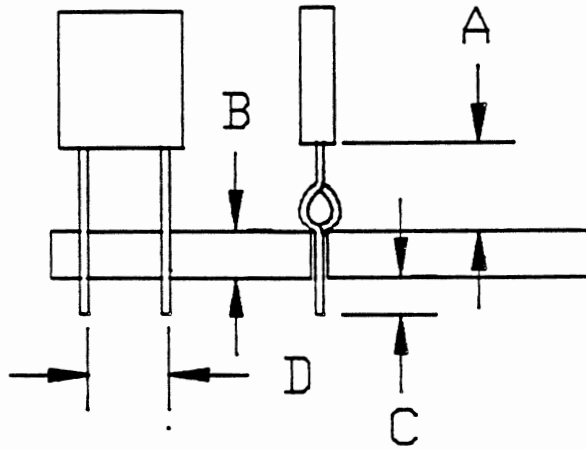
STATION:

	T0/B0	T1/B1	T2/B2
CF-10		10-1-2A 10-1-2B	

905-2 A-B FORM

FORM 905-2 A-B PRODUCES A
STAND-OFF CONFIGURATION.
MEASUREMENTS IN MILLIMETERS

905-2 A-B



2 LEADS COMPONENT

DIE:	KNIFE:	A	B	C	D	P.C.BOARD HOLE DIA.
905-2A	905-5H	3.81	1.59	1.59	1.52-11.43	
905-2B	905-5H	3.05	1.59	1.59	1.52-11.43	

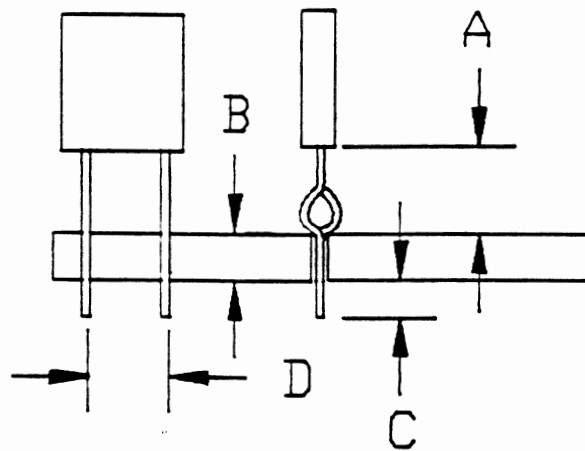
STATION:

	T0/B0	T1/B1	T2/B2
CF-10	-----	905-2 FORMING	905-5H KNIFE

905-2 A-B FORM

FORM 905-2 A-B PRODUCES A
STAND-OFF CONFIGURATION.
MEASUREMENTS IN INCHES

905-2 A-B



2 LEADS COMPONENT

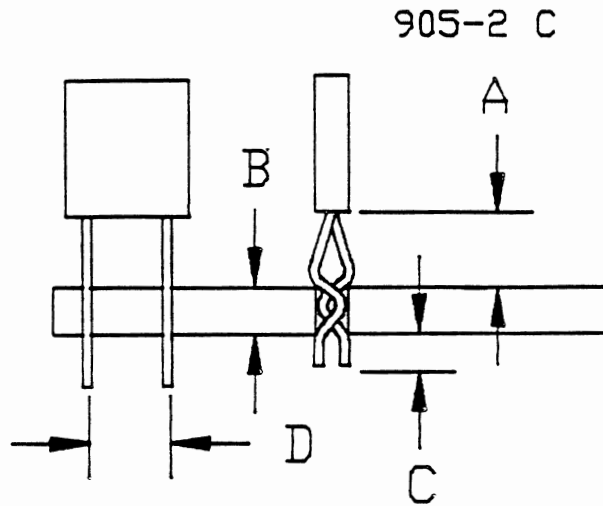
DIE:	KNIFE:	A	B	C	D	P.C.BOARD HOLE DIA.
905-2A	905-5H	.150	.062	.062	.060-.450	
905-2B	905-5H	.120	.062	.062	.060-.450	

STATION:

	T0/B0	T1/B1	T2/B2
CF-10	-----	905-2 FORMING	905-5H KNIFE

905-2 C FORM

FORM 905-2 C PRODUCES A LOCK-IN STAND-OFF
MEASUREMENTS IN MILLIMETERS



2 LEADS COMPONENT

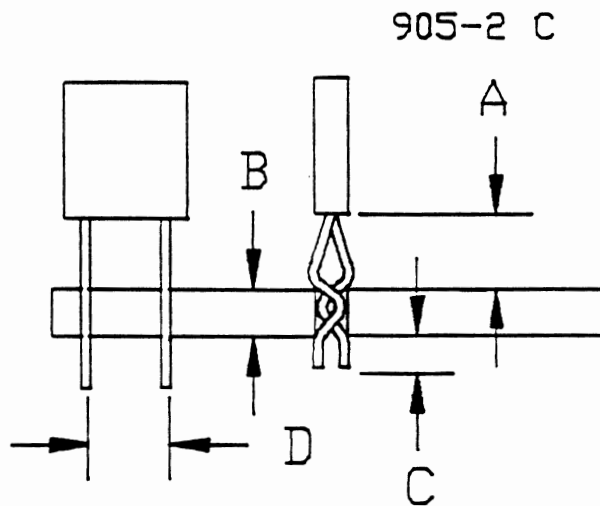
DIE:	KNIFE:	A	B	C	D	P.C.BOARD HOLE DIA.
905-2C	905-5H	3.05	1.59	1.59	1.52-11.43	0.76-0.89
905-2CA	905-5H	3.05	1.59	1.59	1.52-11.43	0.89-1.02
905-2CB	905-5H	3.05	1.59	1.59	1.52-11.43	1.02-1.14

STATION:

	T0/B0	T1/B1	T2/B2
CF-10	-----	905-2 C FORMING	905-5H KNIFE

905-2 C FORM

FORM 905-2 C PRODUCES A LOCK-IN STAND-OFF
MEASUREMENTS IN INCHES



2 LEADS COMPONENT

DIE:	KNIFE:	A	B	C	D	P.C.BOARD HOLE DIA.
905-2C	905-5H	.120	.062	.062	.060-.450	.030-.035
905-2CA	905-5H	.120	.062	.062	.060-.450	.035-.040
905-2CB	905-5H	.120	.062	.062	.060-.450	.040-.045

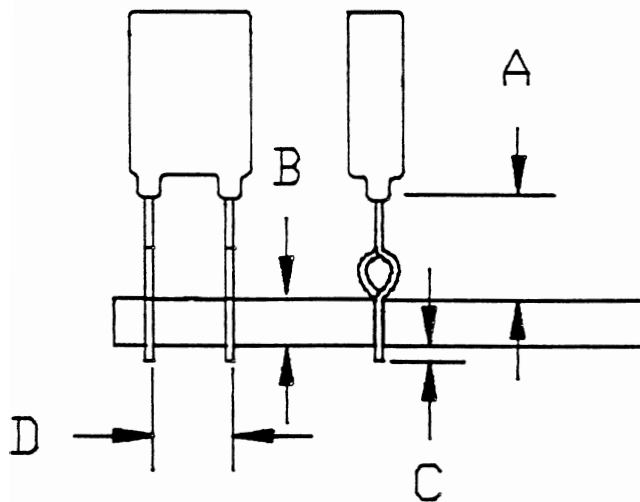
STATION:

	T0/B0	T1/B1	T2/B2
CF-10	-----	905-2 C FORMING	905-5H KNIFE

10-2-2B FORM

FOR 0.38-0.64 WIRE DIA.
 FORMS DIMPLE INTO LEADS TO
 PRODUCE A STAND OFF CONFIGURATION.
 2 LEADS COMPONENT

MEASUREMENTS IN MILLIMETERS



A	3.05
B	1.59
C	1.59
D	1.52-15.24

STATION:

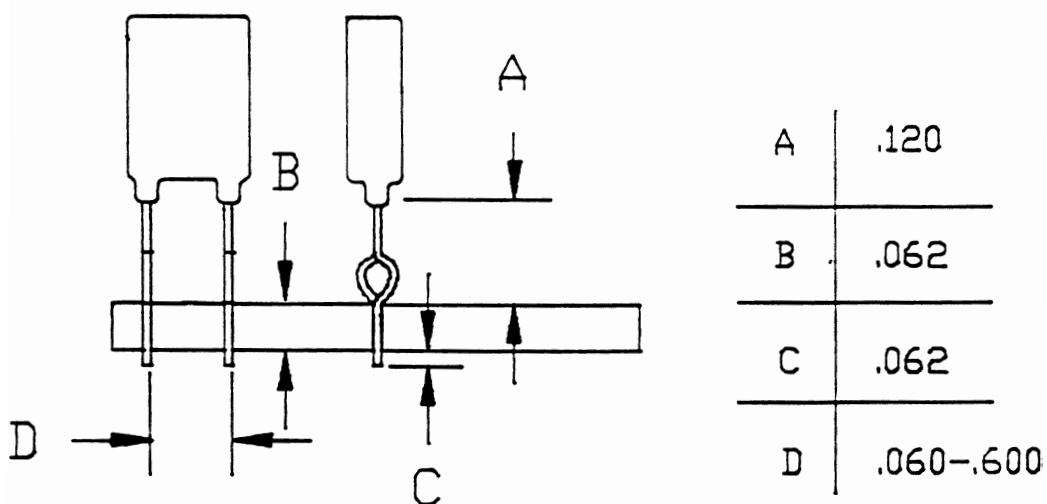
	T0/B0	T1/B1	T2/B2
CF-10		10-2-2B	KNIFE 10-5-5H

905-2B WILL FORM THE SAME SHAPE
 WITH A C.C. RANGE OF 1.52-10.16.

10-2-2B FORM

FOR .015-.025 WIRE DIA.
 FORMS DIMPLE INTO LEADS TO
 PRODUCE A STAND OFF CONFIGURATION.
 2 LEADS COMPONENT

MEASUREMENTS IN INCHES



STATION:

	T0/B0	T1/B1	T2/B2
CF-10		10-2-2B	KNIFE 10-5-5H

905-2B WILL FORM THE SAME SHAPE
 WITH A C.C. RANGE OF .060-.400.

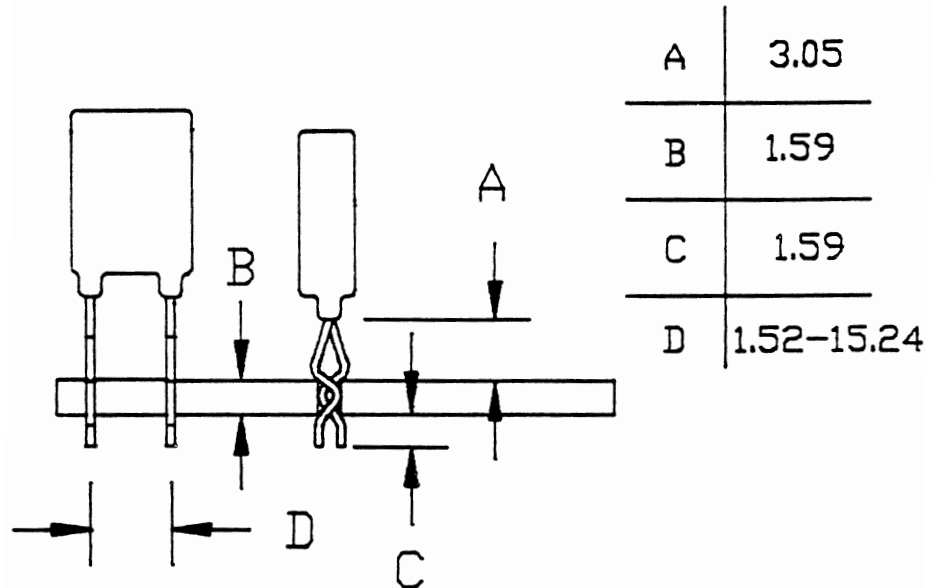
10-2-2C FORM.

FOR 0.38-0.64 WIRE DIA.

FORMS DIMPLES ON LEADS TO PRODUCE
A LOCK-IN, STAND-OFF CONFIGURATION.

2 LEADS COMPONENT

MEASUREMENTS IN MILLIMETERS



P.C.BOARD HOLE DIA.		
0.76-0.89	0.89-1.02	1.02-1.14
10-2-2C	10-2-2CA	10-2-2CB

STATION:

	T0/B0	T1/B1	T2/B2
CF-10		10-2-2C	KNIFE 10-5-5H

905-2C WILL FORM THE SAME SHAPE
WITH A C.C. RANGE OF 1.52-10.16.

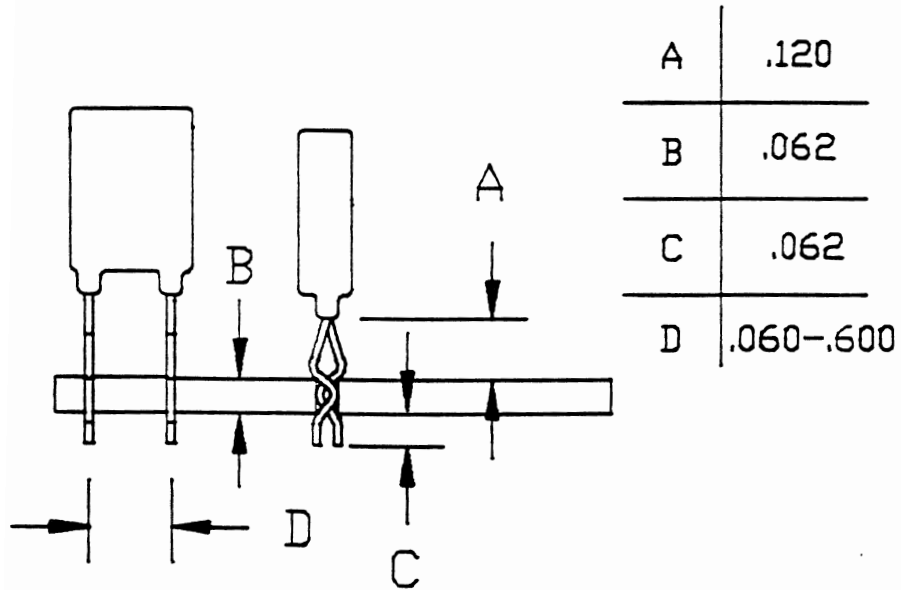
10-2-2C FORM.

FOR .015-.025 WIRE DIA.

FORMS DIMPLES ON LEADS TO PRODUCE
A LOCK-IN, STAND-OFF CONFIGURATION.

2 LEADS COMPONENT

MEASUREMENTS IN INCHES



P.C. BOARD HOLE DIA.		
.030-.035	.035-.040	.040-.045
10-2-2C	10-2-2CA	10-2-2CB

STATION:

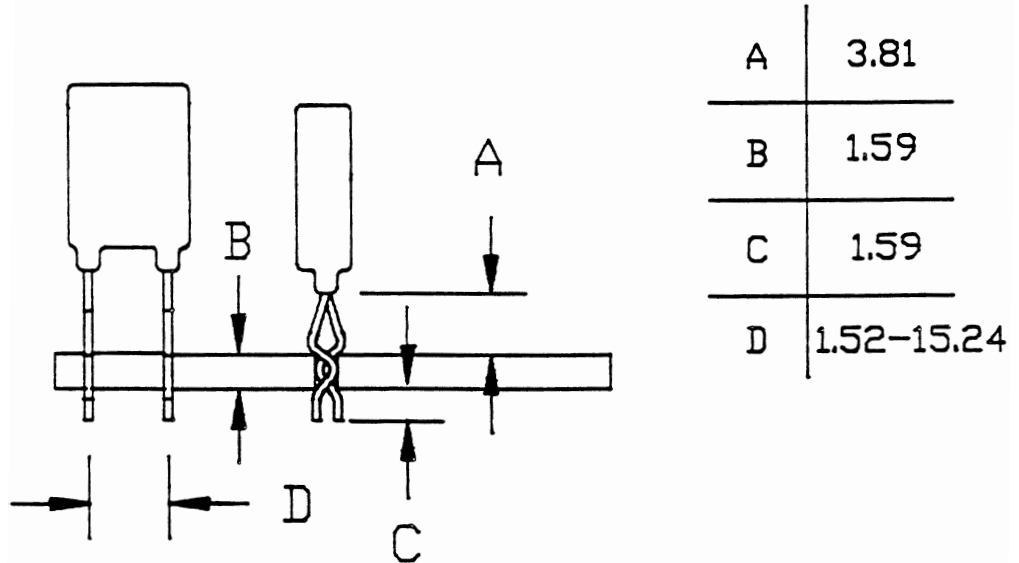
	T0/B0	T1/B1	T2/B2
CF-10		10-2-2C	KNIFE 10-5-5H

905-2C WILL FORM THE SAME SHAPE
WITH A C.C. RANGE OF .060-.400.

10-2-2D FORM.

FOR 0.64-0.89 WIRE DIAMETER
 FORMS DIMPLES ON LEADS TO PRODUCE
 A LOCK-IN, STAND-OFF CONFIGURATION.
 2 LEADS COMPONENT

MEASUREMENTS IN MILLIMETERS



P.C.BOARD HOLE DIA.		
0.89-1.02	1.02-1.14	1.02-1.27
10-2-2D	10-2-2DA	10-2-2DB

STATION:

	T0/B0	T1/B1	T2/B2
CF-10		10-2-2D	KNIFE 10-5-5H

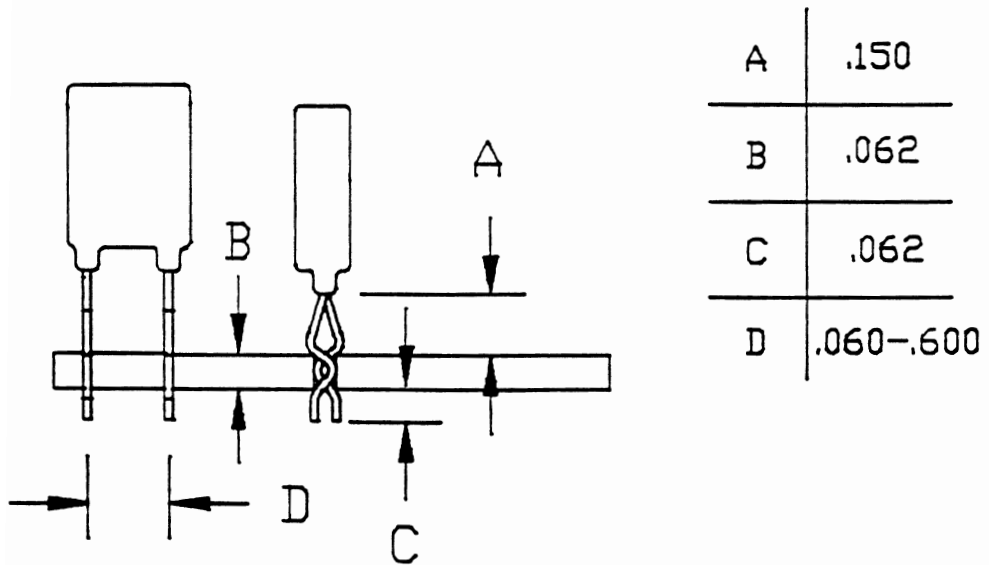
10-2-2D FORM.

FOR .025-.035 WIRE DIAMETER

FORMS DIMPLES ON LEADS TO PRODUCE
A LOCK-IN, STAND-OFF CONFIGURATION.

2 LEADS COMPONENT

MEASUREMENTS IN INCHES.



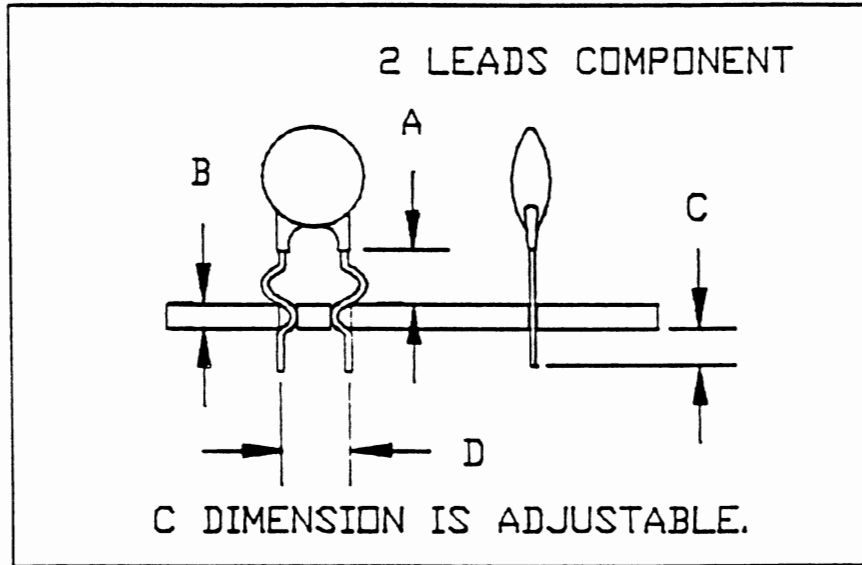
P.C. BOARD HOLE DIA.		
.035-.040	.040-.045	.045-.050
10-2-2D	10-2-2DA	10-2-2DB

STATION:

	T0/B0	T1/B1	T2/B2
CF-10		10-2-2D	KNIFE 10-5-5H

905-3 FORM

FORM 905-3 PRODUCES A LOCK-IN STAND-OFF CONFIGURATION.
MEASUREMENTS IN MILLIMETERS



FOR LOWER STAND-OFF HEIGHTS SEE 905-10 STYLES

0.76-1.02 P.C.BOARD HOLE DIA.			
DIE:	A	B	D
905-3F	3.05	1.59	2.54
905-3G	3.05	1.59	3.81
905-3H	3.05	1.59	5.08
905-3I	3.05	1.59	6.35
905-3J	3.05	1.59	7.62
905-3K	3.05	1.59	8.89
905-3L	3.05	1.59	10.16
905-5B KNIFE			

1.02-1.27 P.C.BOARD HOLE DIA.			
DIE:	A	B	D
905-3FA	3.05	1.59	2.54
905-3GA	3.05	1.59	3.81
905-3HA	3.05	1.59	5.08
905-3IA	3.05	1.59	6.35
905-3JA	3.05	1.59	7.62
905-3KA	3.05	1.59	8.89
905-3LA	3.05	1.59	10.16
905-5B KNIFE			

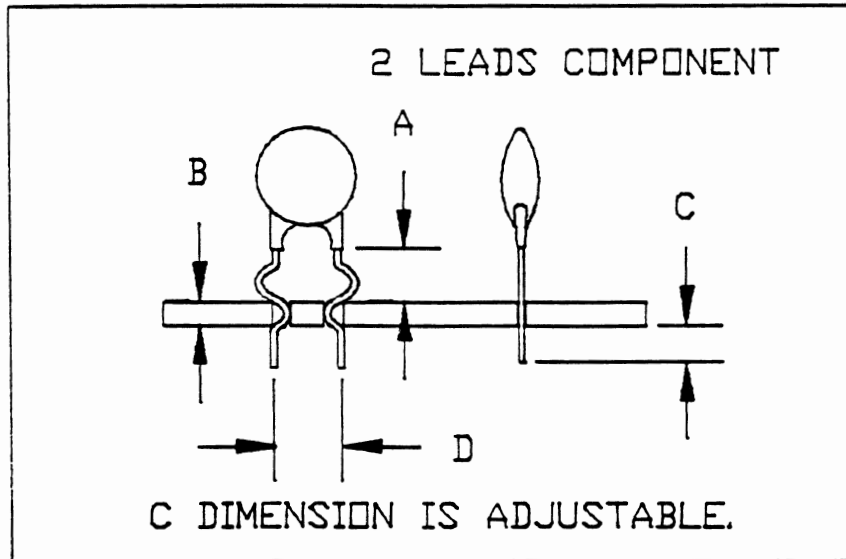
0.76-1.27 P.C.BOARD HOLE DIA.			
DIE:	A	B	D
905-3P	3.05	0.79	2.54
905-3Q	3.05	0.79	3.81
905-3R	3.05	0.79	5.08
905-3S	3.05	0.79	6.35
905-3T	3.05	0.79	7.62
905-3U	3.05	0.79	8.89
905-3V	3.05	0.79	10.16
905-5C KNIFE			

STATION:

	T0/B0	T1/B1	T2/B2
CF-10	-----	905-3() FORMING	905-5(B/C) KNIFE

905-3 FORM

FORM 905-3 PRODUCES A LOCK-IN STAND-OFF CONFIGURATION.
MEASUREMENTS IN INCHES



FOR LOWER STAND-OFF HEIGHTS SEE 905-10 STYLES

.030-.040 P.C.BOARD HOLE DIA.			
DIE:	A	B	D
905-3F	.120	.062	.100
905-3G	.120	.062	.150
905-3H	.120	.062	.200
905-3I	.120	.062	.250
905-3J	.120	.062	.300
905-3K	.120	.062	.350
905-3L	.120	.062	.400
905-5B KNIFE			

.040-.050 P.C.BOARD HOLE DIA.			
DIE:	A	B	D
905-3FA	.120	.062	.100
905-3GA	.120	.062	.150
905-3HA	.120	.062	.200
905-3IA	.120	.062	.250
905-3JA	.120	.062	.300
905-3KA	.120	.062	.350
905-3LA	.120	.062	.400
905-5B KNIFE			

.030-.050 P.C.BOARD HOLE DIA.			
DIE:	A	B	D
905-3P	.120	.031	.100
905-3Q	.120	.031	.150
905-3R	.120	.031	.200
905-3S	.120	.031	.250
905-3T	.120	.031	.300
905-3U	.120	.031	.350
905-3V	.120	.031	.400
905-5C KNIFE			

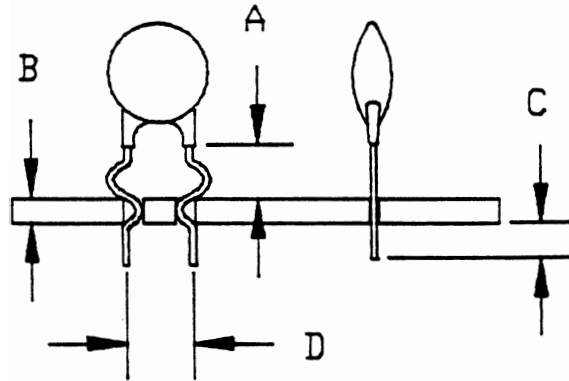
STATION:

	T0/B0	T1/B1	T2/B2
CF-10	-----	905-3() FORMING	905-5(B/C) KNIFE

10-3 FORM

FORMS DIMPLES INTO LEADS TO PRODUCE
A SNAP-IN LOCK - STAND-OFF CONFIGURATION

MEASUREMENTS IN MILLIMETERS



A	3.05
B	1.59
C	1.59
D	2.54-15.24

D DIM.	0.64-0.89 WIRE DIA.		0.64 WIRE DIA.	
	P.C.BOARD HOLE DIA.		P.C.BOARD HOLE DIA.	
	1.02-1.27	1.27-1.52	0.76-1.02	1.02-1.27
10.16 C.C.			10-3-A	10-3-AA
11.43 C.C.	10-3-M	10-3-MA	10-3-B	10-3-BA
12.70 C.C.	10-3-N	10-3-NA	10-3-C	10-3-CA
13.97 C.C.	10-3-O	10-3-OA	10-3-D	10-3-DA
15.24 C.C.	10-3-P	10-3-PA	10-3-E	10-3-EA

WIRE DIA.	KNIFE
0.64	10-5-5B
0.76	10-5-5BK
0.89	10-5-5BKK

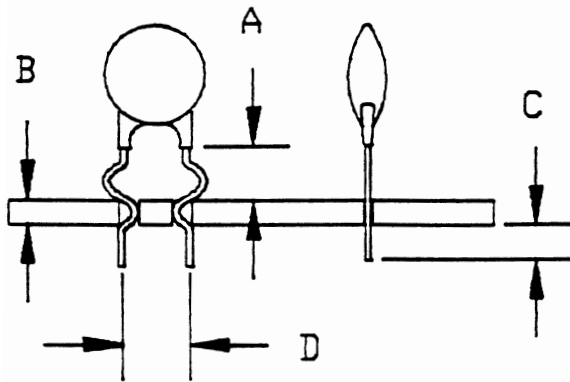
STATION:

CF-10	T0/B0	T1/B1	T2/B2
		10-3-	KNIFE

905-3 WILL FORM THE THE SAME SHAPE
WITH A C.C. RANGE OF 2.54-10.16 C.C.

10-3 FORM

FORMS DIMPLES INTO LEADS TO PRODUCE
A SNAP-IN LOCK - STAND-OFF CONFIGURATION
MEASUREMENTS IN INCHES



A	.120
B	.062
C	.062
D	.100-.600

	.025-.035 WIRE DIA.		.025 WIRE DIA.	
D DIM.	P.C.BOARD HOLE DIA.		P.C.BOARD HOLE DIA.	
	.040-.050	.050-.060	.030-.040	.040-.050
.400 C.C.			10-3-A	10-3-AA
.450 C.C.	10-3-M	10-3-MA	10-3-B	10-3-BA
.500 C.C.	10-3-N	10-3-NA	10-3-C	10-3-CA
.550 C.C.	10-3-O	10-3-OA	10-3-D	10-3-DA
.600 C.C.	10-3-P	10-3-PA	10-3-E	10-3-EA

WIRE DIA.	KNIFE
.025	10-5-5B
.030	10-5-5BK
.035	10-5-5BKK

STATION:

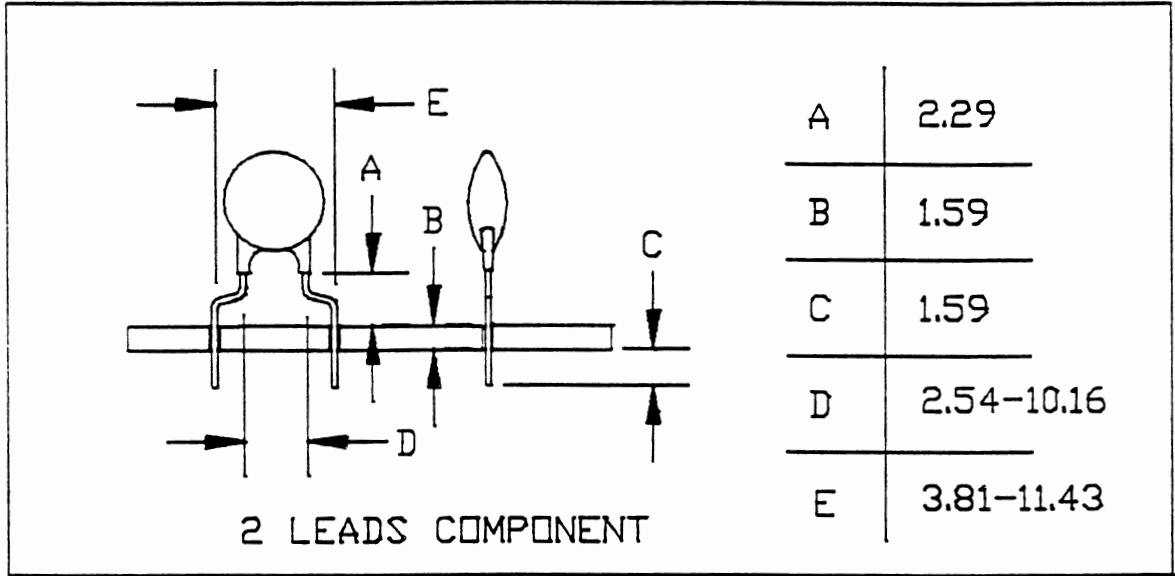
CF-10	T0/B0	T1/B1	T2/B2
		10-3-	KNIFE

905-3 WILL FORM THE THE SAME SHAPE
WITH A C.C. RANGE OF .100-.400 C.C.

905-4A SPREAD FORM

FOR 0.38 - 0.64 WIRE DIAMETERS.

MEASUREMENTS IN MILLIMETERS



SPREAD RANGE:

DIE#	D	E	DIE#	D	E	DIE#	D	E
905-4AA	2.54-3.81		905-4AF	5.08-7.62		905-4AK	8.89-10.16	
905-4AB	2.54-5.08		905-4AG	6.35-7.62		905-4AL	8.89-11.43	
905-4AC	3.81-5.08		905-4AH	6.35-8.89		905-4AM	10.16-11.43	
905-4AD	3.81-6.35		905-4AI	7.62-8.89				
905-4AE	5.08-6.35		905-4AJ	7.62-10.16				

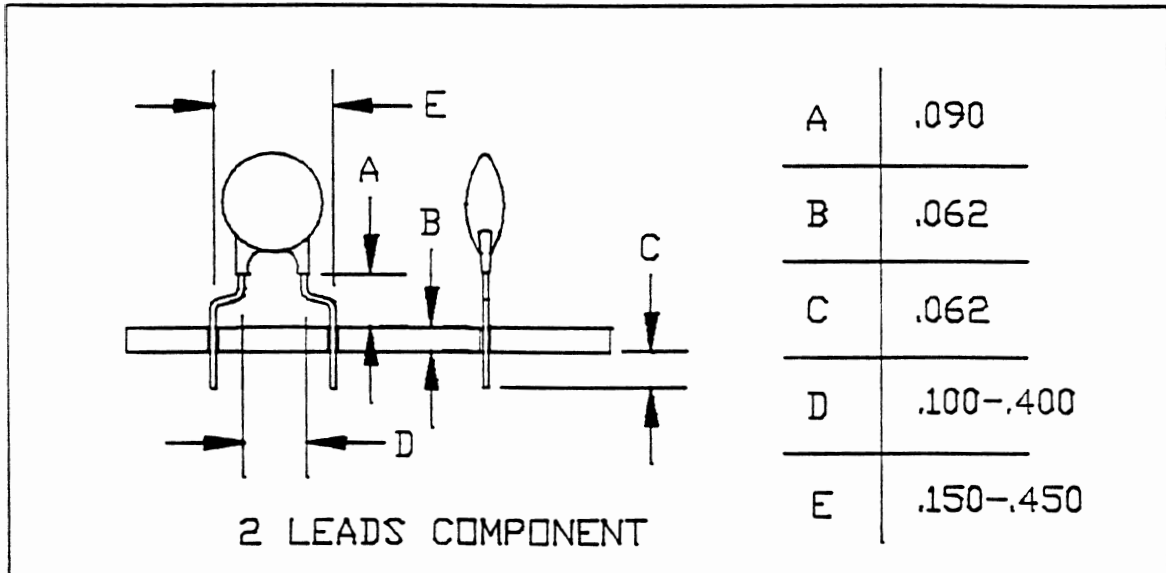
STATION:

	T0/B0	T1/B1	T2/B2
CF-10		905-4A() FORMING	905-5C KNIFE

905-4A SPREAD FORM

FOR .015 - .025 WIRE DIAMETERS.

MEASUREMENTS IN INCHES



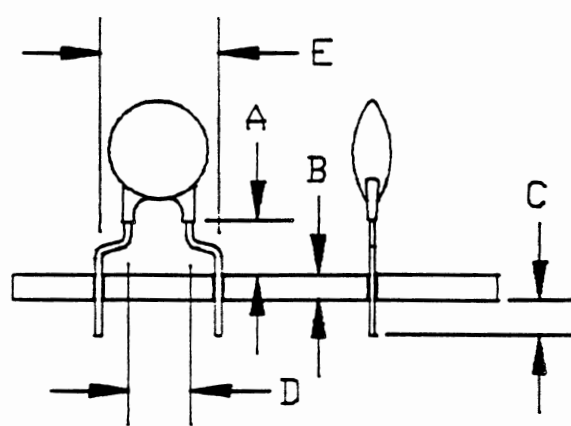
SPREAD RANGE:

DIE#	D	E	DIE#	D	E	DIE#	D	E
905-4AA	.100-.150		905-4AF	.200-.300		905-4AK	.350-.400	
905-4AB	.100-.200		905-4AG	.250-.300		905-4AL	.350-.450	
905-4AC	.150-.200		905-4AH	.250-.350		905-4AM	.400-.450	
905-4AD	.150-.250		905-4AI	.300-.350				
905-4AE	.200-.250		905-4AJ	.300-.400				

STATION:

	T0/B0	T1/B1	T2/B2
CF-10	-----	905-4A() FORMING	905-5C KNIFE

10-4A FORM
SPREADS
2 LEADS COMPONENT
MEASUREMENTS IN MILLIMETERS



A	2.29
B	1.59
C	1.59
D	2.54-11.43
E	3.81-15.24

SPREAD RANGE

FOR 0.38-0.64 WIRE DIAMETERS.

DIE	DIMENSIONS		DIE	DIMENSIONS		DIE	DIMENSIONS	
	D	E		D	E		D	E
10-4A-1A	2.54	6.35	10-4A-1F	8.89	12.70	10-4A-1K	5.08	10.16
10-4A-1B	3.81	7.62	10-4A-1G	10.16	13.97	10-4A-1L	6.35	11.43
10-4A-1C	5.08	8.89	10-4A-1H	11.43	15.24	10-4A-1M	7.62	12.70
10-4A-1D	6.35	10.16	10-4A-1I	2.54	7.62	10-4A-1N	8.89	13.97
10-4A-1E	7.62	11.43	10-4A-1J	3.81	8.89	10-4A-1O	10.16	15.24

STATION:

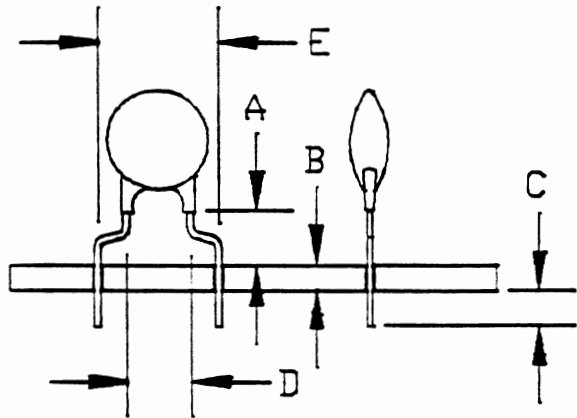
	T0/B0	T1/B1	T2/B2	KNIFE
CF-10		10-4A-1(O)	10-5-5C	0.38-0.64 WIRE DIA.

10-4A FORM

SPREADS

2 LEADS COMPONENT

MEASUREMENTS IN INCHES



A	.090
B	.062
C	.062
D	.100-.450
E	.150-.600

SPREAD RANGE

FOR .015-.025 WIRE DIAMETERS.

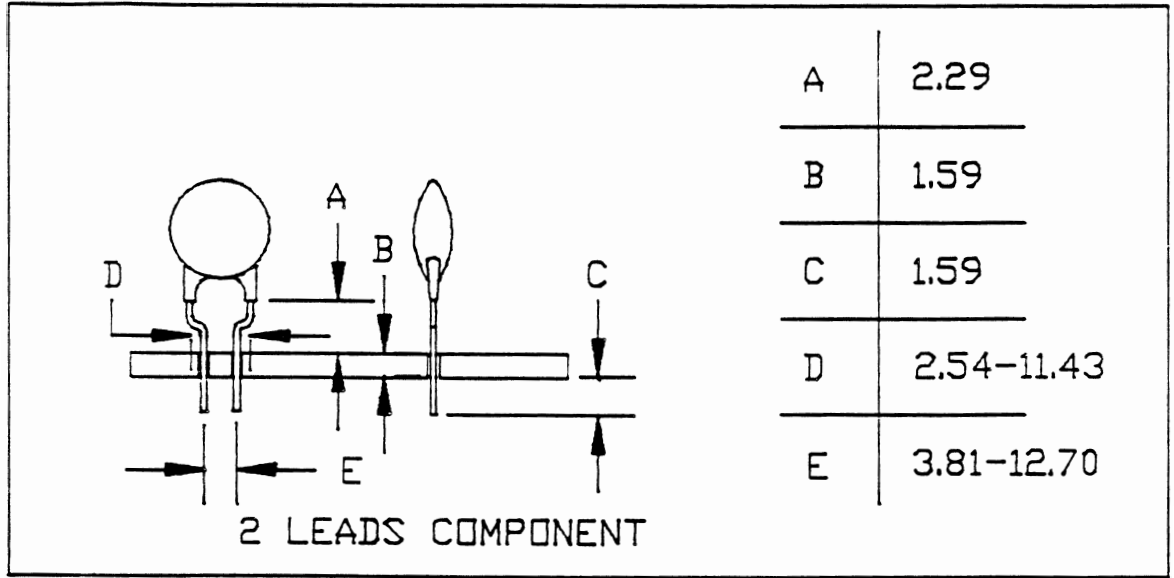
DIE	DIMENSIONS		DIE	DIMENSIONS		DIE	DIMENSIONS	
	D	E		D	E		D	E
10-4A-1A	.100	.250	10-4A-1F	.350	.500	10-4A-1K	.200	.400
10-4A-1B	.150	.300	10-4A-1G	.400	.550	10-4A-1L	.250	.450
10-4A-1C	.200	.350	10-4A-1H	.450	.600	10-4A-1M	.300	.500
10-4A-1D	.250	.400	10-4A-1I	.100	.300	10-4A-1N	.350	.550
10-4A-1E	.300	.450	10-4A-1J	.150	.350	10-4A-1O	.400	.600

STATION:

	T0/B0	T1/B1	T2/B2	KNIFE
CF-10		10-4A-1O	10-5-5C	.015-.025 WIRE DIA.

905-4B REDUCING FORM

FOR 0.38 - 0.64 WIRE DIAMETERS.
MEASUREMENTS IN MILLIMETERS



REDUCING RANGE:

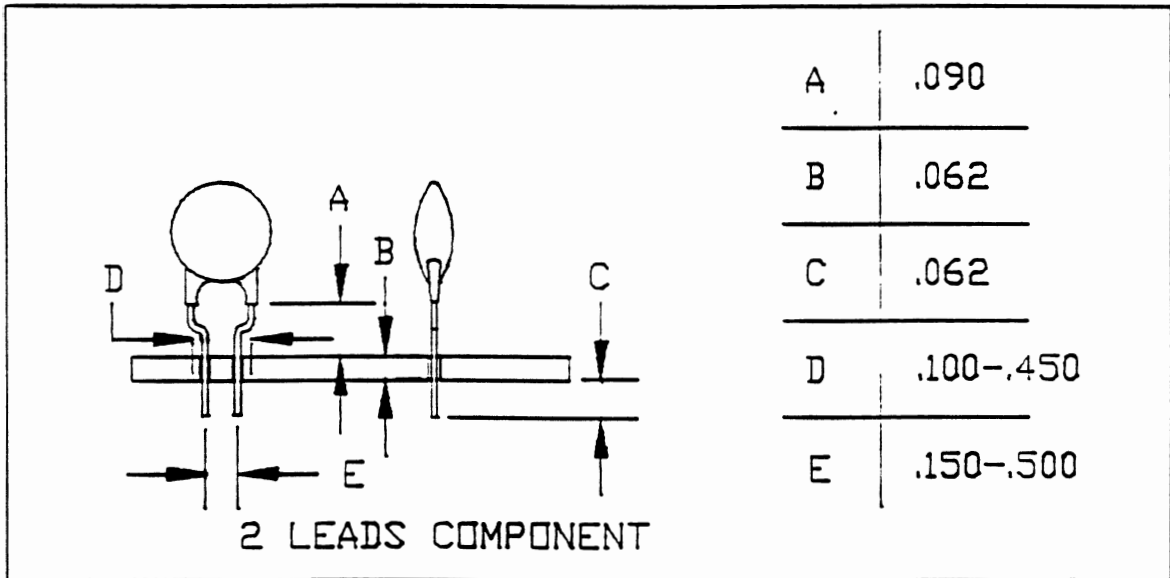
DIE#	D	E	DIE#	D	E	DIE#	D	E
905-4BA	3.81-2.54		905-4BF	7.62-5.08		905-4BK	10.16-8.89	
905-4BB	5.08-2.54		905-4BG	7.62-6.35		905-4BL	11.43-8.89	
905-4BC	5.08-3.81		905-4BH	8.89-6.35		905-4BM	11.43-10.16	
905-4BD	6.35-3.81		905-4BI	8.89-7.62		905-4BN	12.70-10.16	
905-4BE	6.35-5.08		905-4BJ	10.16-7.62		905-4BQ	12.70-11.43	

STATION:

	T0/B0	T1/B1	T2/B2
CF-10	-----	905-4B() FORMING	905-5C KNIFE

905-4B REDUCING FORM

FOR .015 - .025 WIRE DIAMETERS.
MEASUREMENTS IN INCHES



REDUCING RANGE:

DIE#	D	E	DIE#	D	E	DIE#	D	E
905-4BA	.150	.100	905-4BF	.300	.200	905-4BK	.400	.350
905-4BB	.200	.100	905-4BG	.300	.250	905-4BL	.450	.350
905-4BC	.200	.150	905-4BH	.350	.250	905-4BM	.450	.400
905-4BD	.250	.150	905-4BI	.350	.300	905-4BN	.500	.400
905-4BE	.250	.200	905-4BJ	.400	.300	905-4BQ	.500	.450

STATION:

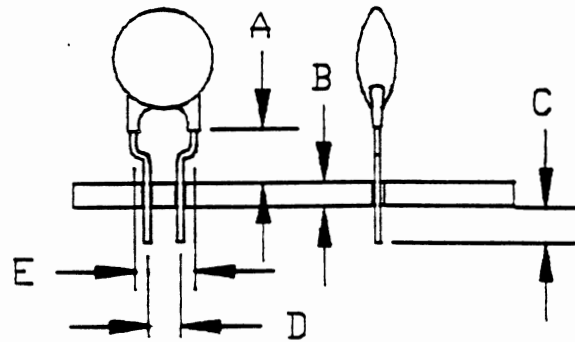
	T0/B0	T1/B1	T2/B2
CF-10	-----	905-4B() FORMING	905-5C KNIFE

10-4B FORM

REDUCES

2 LEADS COMPONENT

MEASUREMENTS IN MILLIMETERS



A	2.29
B	1.59
C	1.59
D	2.54-10.16
E	6.35-15.24

REDUCING RANGE:

FOR 0.38-0.64 WIRE DIAMETERS.

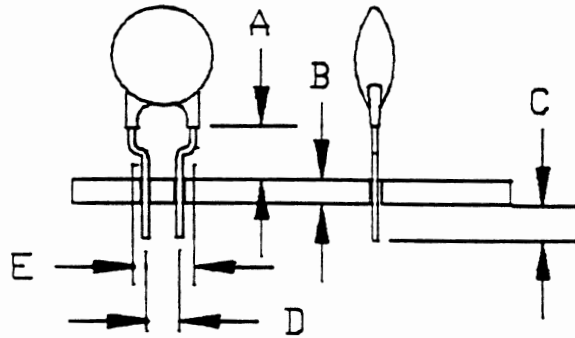
DIE	DIMENSIONS		DIE	DIMENSIONS		DIE	DIMENSIONS	
	D	E		D	E		D	E
10-4B-1A	2.54	6.35	10-4B-1F	8.89	12.70	10-4B-1K	5.08	10.16
10-4B-1B	3.81	7.62	10-4B-1G	10.16	13.97	10-4B-1L	6.35	11.43
10-4B-1C	5.08	8.89	10-4B-1H	11.43	15.24	10-4B-1M	7.62	12.70
10-4B-1D	6.35	10.16	10-4B-1I	2.54	7.62	10-4B-1N	8.89	13.97
10-4B-1E	7.62	11.43	10-4B-1J	3.81	8.89	10-4B-1O	10.16	15.24

STATION:

	T0/B0	T1/B1	T2/B2	KNIFE
CF-10		10-4B-1()	10-5-5C	0.38-0.64 WIRE DIA.

10-4B FORM

REDUCES
2 LEADS COMPONENT
MEASUREMENTS IN INCHES



A	.090
B	.062
C	.062
D	.100-.400
E	.250-.600

REDUCING RANGE:
FOR .015-.025 WIRE DIAMETERS.

DIE	DIMENSIONS		DIE	DIMENSIONS		DIE	DIMENSIONS	
	D	E		D	E		D	E
10-4B-1A	.100-.250		10-4B-1F	.350-.500		10-4B-1K	.200-.400	
10-4B-1B	.150-.300		10-4B-1G	.400-.550		10-4B-1L	.250-.450	
10-4B-1C	.200-.350		10-4B-1H	.450-.600		10-4B-1M	.300-.500	
10-4B-1D	.250-.400		10-4B-1I	.100-.300		10-4B-1N	.350-.550	
10-4B-1E	.300-.450		10-4B-1J	.150-.350		10-4B-1O	.400-.600	

STATION:

	T0/B0	T1/B1	T2/B2	KNIFE
CF-10		10-4B-1K	10-5-5C	.015-.025 WIRE DIA.

KNIVES

FOR COMPONENTS WITH CENTER TO CENTER DIMENSIONS UP TO 10.16

KNIFE
905-5

2.54 CENTER RELIEF.

KNIFE
905-5H

UNIVERSAL KNIFE.
ZERO CENTER RELIEF.

KNIFE
905-5I

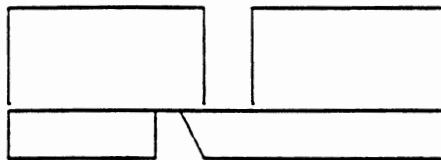
1.27 CENTER RELIEF.

MEASUREMENTS IN MILLIMETERS

905-5(A THRU FKK) FLATTENING KNIFE

SEE CHART BELOW

FLATTENING LENGTH
(L)



SEE CHART FOR
L DIMENSION

DIES FOR 0.64 WIRE DIA.	
DIE#	L
905-5A	5.72
905-5B	5.08
905-5C	4.45
905-5D	3.81
905-5E	3.18
905-5F	2.54

DIES FOR 0.76 WIRE DIA.	
DIE#	L
905-5AK	5.72
905-5BK	5.08
905-5CK	4.45
905-5DK	3.81
905-5EK	3.18
905-5FK	2.54

DIES FOR 0.89 WIRE DIA.	
DIE#	L
905-5AKK	5.72
905-5BKK	5.08
905-5CKK	4.45
905-5DKK	3.81
905-5EKK	3.18
905-5FKK	2.54

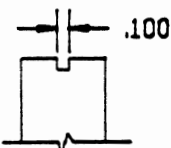
STATION:

	T0/B0	T1/B1	T2/B2
CF-10			KNIFE

KNIVES


FOR COMPONENTS WITH CENTER TO CENTER DIMENSIONS UP TO .400

KNIFE
905-5



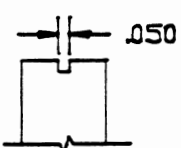
.100 CENTER RELIEF.

KNIFE
905-5H



UNIVERSAL KNIFE.
ZERO CENTER RELIEF.

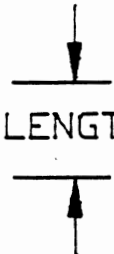
KNIFE
905-5I



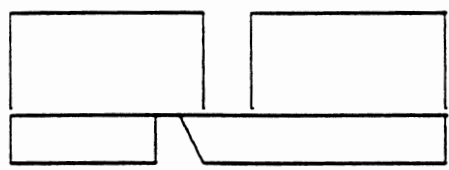
.050 CENTER RELIEF.

MEASUREMENTS IN INCHES
905-5(A THRU FKK) FLATTENING KNIFE

SEE CHART BELOW



FLATTENING LENGTH
(L)



SEE CHART FOR
L DIMENSION

DIES FOR .025 WIRE DIA.		DIES FOR .030 WIRE DIA.		DIES FOR .035 WIRE DIA.	
DIE#	L	DIE#	L	DIE#	L
905-5A	.225	905-5AK	.225	905-5AKK	.225
905-5B	.200	905-5BK	.200	905-5BKK	.200
905-5C	.175	905-5CK	.175	905-5CKK	.175
905-5D	.150	905-5DK	.150	905-5DKK	.150
905-5E	.125	905-5EK	.125	905-5EKK	.125
905-5F	.100	905-5FK	.100	905-5FKK	.100

STATION:

	T0/B0	T1/B1	T2/B2
CF-10			KNIFE

KNIVES

MEASUREMENTS IN MILLIMETERS

FOR COMPONENTS WITH CENTER TO CENTER DIMENSIONS OF 11.43 TO 15.24

KNIFE
10-5-5

2.54 CENTER RELIEF.

KNIFE
10-5-5H

UNIVERSAL KNIFE.
ZERO CENTER RELIEF.

KNIFE
10-5-5I

1.27 CENTER RELIEF.

10-5-5(A THRU FKK)
FLATTENING KNIFE

FLATTENING LENGTH
(L)

SEE CHART FOR
L DIMENSION

DIES FOR 0.64 WIRE DIA.	
DIE#	L
10-5-5A	5.72
10-5-5B	5.08
10-5-5C	4.45
10-5-5D	3.81
10-5-5E	3.18
10-5-5F	2.54

DIES FOR 0.76 WIRE DIA.	
DIE#	L
10-5-5AK	5.72
10-5-5BK	5.08
10-5-5CK	4.45
10-5-5DK	3.81
10-5-5EK	3.18
10-5-5FK	2.54

DIES FOR 0.89 WIRE DIA.	
DIE#	L
10-5-5AKK	5.72
10-5-5BKK	5.08
10-5-5CKK	4.45
10-5-5DKK	3.81
10-5-5EKK	3.18
10-5-5FKK	2.54

STATION:

	T0/B0	T1/B1	T2/B2
CF-10	FORMING	FORMING	KNIFE

KNIVES

MEASUREMENTS IN INCHES

FOR COMPONENTS WITH CENTER TO CENTER DIMENSIONS OF .450 TO .600

KNIFE
10-5-5

.100 CENTER RELIEF.

KNIFE
10-5-5H

UNIVERSAL KNIFE.
ZERO CENTER RELIEF.

KNIFE
10-5-5I

.050 CENTER RELIEF.

10-5-5(A THRU FKK)
FLATTENING KNIFE

FLATTENING LENGTH
(L)

SEE CHART FOR
L DIMENSION

DIES FOR .025 WIRE DIA.	
DIE#	L
10-5-5A	.225
10-5-5B	.200
10-5-5C	.175
10-5-5D	.150
10-5-5E	.125
10-5-5F	.100

DIES FOR .030 WIRE DIA.	
DIE#	L
10-5-5AK	.225
10-5-5BK	.200
10-5-5CK	.175
10-5-5DK	.150
10-5-5EK	.125
10-5-5FK	.100

DIES FOR .035 WIRE DIA.	
DIE#	L
10-5-5AKK	.225
10-5-5BKK	.200
10-5-5CKK	.175
10-5-5DKK	.150
10-5-5EKK	.125
10-5-5FKK	.100

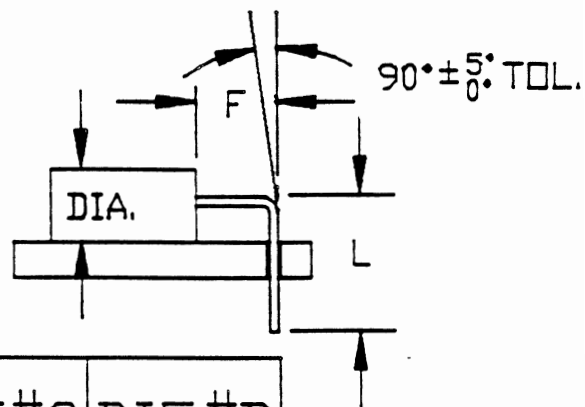
STATION:

	T0/B0	T1/B1	T2/B2
CF-10	FORMING	FORMING	KNIFE

905-7 FORM

FORM 905-7 PRODUCES A 90° ANGLE BEND CONFIGURATION.
MEASUREMENTS IN MILLIMETERS

TYPE	DIA. RANGE	L RANGE	F (MIN.)
A	1.27-4.06	SEE	2.03
B	1.27-4.98	BELOW	2.54
C	1.27-5.89	FOR	2.92
D	1.27-6.81	L RANGE	3.43



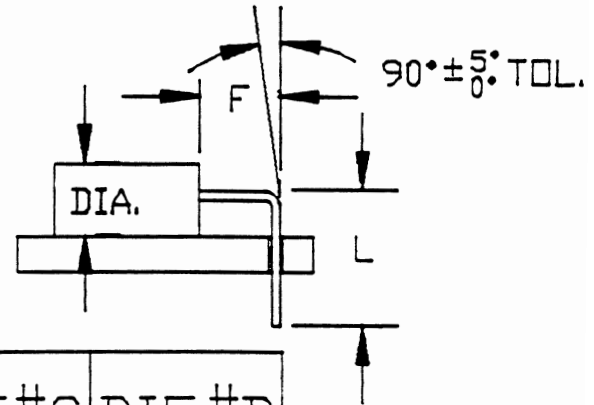
(L)	DIE #A	DIE #B	DIE #C	DIE #D
2.79	905-7AL			
3.05	905-7AM			
3.30	905-7AN	905-7BM		
3.56	905-7AO	905-7BN		
3.81	905-7AP	905-7BO	905-7CM	
4.06	905-7AQ	905-7BP	905-7CN	
4.32	905-7AR	905-7BQ	905-7CO	905-7DN
4.57	905-7AS	905-7BR	905-7CP	905-7DO
4.83	905-7AA	905-7BS	905-7CQ	905-7DP
5.08	905-7AB	905-7BA	905-7CR	905-7DQ
5.33	905-7AC	905-7BB	905-7CS	905-7DR
5.59	905-7AD	905-7BC	905-7CA	905-7DS
5.84	905-7AE	905-7BD	905-7CB	905-7DA
6.10	905-7AF	905-7BE	905-7CC	905-7DB
6.35	905-7AG	905-7BF	905-7CD	905-7DC
6.60	905-7AH	905-7BG	905-7CE	905-7DD
6.86	905-7AI	905-7BH	905-7CF	905-7DE
7.11	905-7AJ	905-7BI	905-7CG	905-7DF
7.37	905-7AK	905-7BJ	905-7CH	905-7DG
7.62		905-7BK	905-7CI	905-7DH
7.87			905-7CJ	905-7DI
8.13				905-7DJ

PLACE IN STATIONS T2 AND B2 ON CF-10

905-7 FORM

FORM 905-7 PRODUCES A 90° ANGLE BEND CONFIGURATION.
MEASUREMENTS IN INCHES

TYPE	DIA. RANGE	L RANGE	F (MIN.)
A	.050-.160	SEE	.080
B	.050-.196	BELOW	.100
C	.050-.232	FOR	.115
D	.050-.268	L RANGE	.135



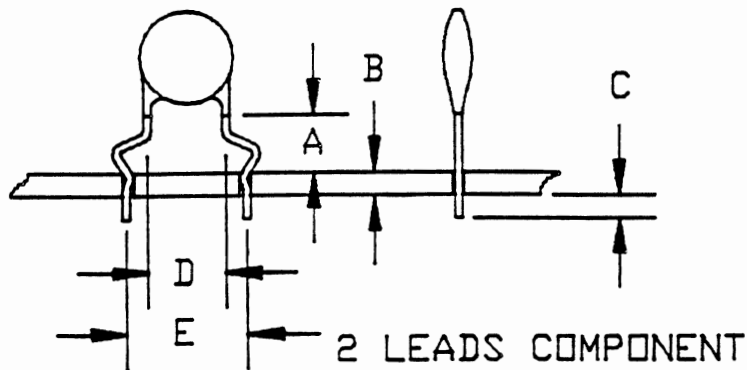
(L)	DIE #A	DIE #B	DIE #C	DIE #D
.110	905-7AL			
.120	905-7AM			
.130	905-7AN	905-7BM		
.140	905-7AO	905-7BN		
.150	905-7AP	905-7BO	905-7CM	
.160	905-7AQ	905-7BP	905-7CN	
.170	905-7AR	905-7BQ	905-7CO	905-7DN
.180	905-7AS	905-7BR	905-7CP	905-7DO
.190	905-7AA	905-7BS	905-7CQ	905-7DP
.200	905-7AB	905-7BA	905-7CR	905-7DQ
.210	905-7AC	905-7BB	905-7CS	905-7DR
.220	905-7AD	905-7BC	905-7CA	905-7DS
.230	905-7AE	905-7BD	905-7CB	905-7DA
.240	905-7AF	905-7BE	905-7CC	905-7DB
.250	905-7AG	905-7BF	905-7CD	905-7DC
.260	905-7AH	905-7BG	905-7CE	905-7DD
.270	905-7AI	905-7BH	905-7CF	905-7DE
.280	905-7AJ	905-7BI	905-7CG	905-7DF
.290	905-7AK	905-7BJ	905-7CH	905-7DG
.300		905-7BK	905-7CI	905-7DH
.310			905-7CJ	905-7DI
.320				905-7DJ

PLACE IN STATIONS T2 AND B2 ON CF-10.

905-8A SPREAD FORM

(WITH LOCK-IN STAND-OFF)

FDR 0.38-0.64 WIRE DIA.
MEASUREMENTS IN MILLIMETERS



A	3.81
B	1.59 (A-I)
B	0.76 (J-S)
C	3.81

PLACE IN STATIONS T1 AND B1 ON CF-10

FOR 1.59 P.C.BOARD	P.C.BOARD HOLE DIAMETER				KNIFE 905-5A
	0.76-1.02	1.02-1.27	D	E	
	905-8A A	905-8A AA	2.54 -	3.81	
	905-8A B	905-8A BA	3.81 -	5.08	
	905-8A C	905-8A CA	5.08 -	6.35	
	905-8A D	905-8A DA	6.35 -	7.62	
	905-8A E	905-8A EA	7.62 -	8.89	
	905-8A F	905-8A FA	2.54 -	5.08	
	905-8A G	905-8A GA	3.81 -	6.35	
	905-8A H	905-8A HA	5.08 -	7.62	
905-8A I	905-8A IA	6.35 -	8.89		

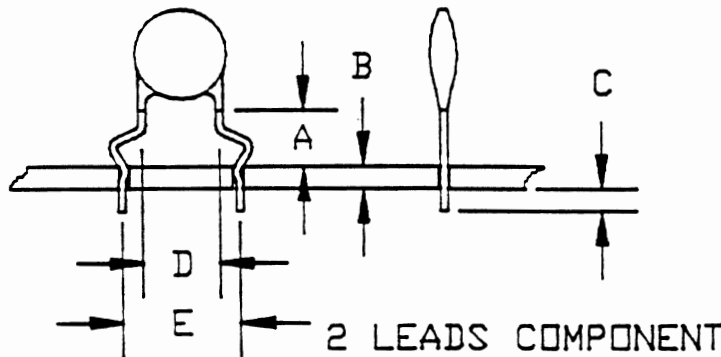
FOR 0.79 P.C.BOARD	P.C.BOARD HOLE DIAMETER				KNIFE 905-5B
	0.76-1.02	1.02-1.27	D	E	
	905-8A J	905-8A JA	2.54 -	3.81	
	905-8A K	905-8A KA	3.81 -	5.08	
	905-8A L	905-8A LA	5.08 -	6.35	
	905-8A M	905-8A MA	6.35 -	7.62	
	905-8A N	905-8A NA	7.62 -	8.89	
	905-8A P	905-8A PA	2.54 -	5.08	
	905-8A Q	905-8A QA	3.81 -	6.35	
	905-8A R	905-8A RA	5.08 -	7.62	
905-8A S	905-8A SA	6.35 -	8.89		

905-8A SPREAD FORM

(WITH LOCK-IN STAND-OFF)

FOR .015-.025 WIRE DIA.

MEASUREMENTS IN INCHES



A	.150
B	.062 (A-D)
B	.031 (J-S)
C	.062

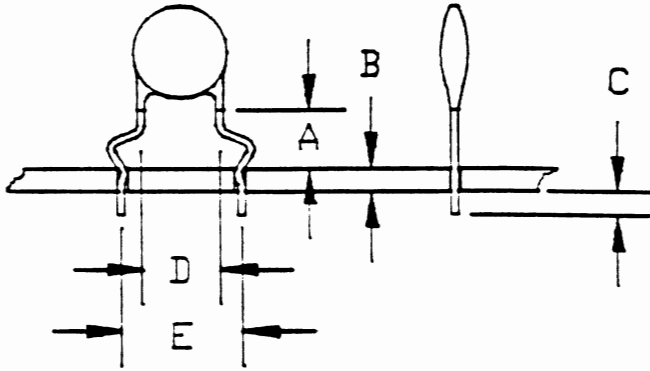
PLACE IN STATIONS T1 AND B1 ON CF-10.

FOR .062 P.C.BOARD	P.C.BOARD HOLE DIAMETER				KNIFE 905-5A
	.030-.040	.040-.050	D	E	
	905-8A A	905-8A AA	.100	-.150	
	905-8A B	905-8A BA	.150	-.200	
	905-8A C	905-8A CA	.200	-.250	
	905-8A D	905-8A DA	.250	-.300	
	905-8A E	905-8A EA	.300	-.350	
	905-8A F	905-8A FA	.100	-.200	
	905-8A G	905-8A GA	.150	-.250	
	905-8A H	905-8A HA	.200	-.300	
905-8A I	905-8A IA	.250	-.350		

FOR .031 P.C.BOARD	P.C.BOARD HOLE DIAMETER				KNIFE 905-5B
	.030-.040	.040-.050	D	E	
	905-8A J	905-8A JA	.100	-.150	
	905-8A K	905-8A KA	.150	-.200	
	905-8A L	905-8A LA	.200	-.250	
	905-8A M	905-8A MA	.250	-.300	
	905-8A N	905-8A NA	.300	-.350	
	905-8A P	905-8A PA	.100	-.200	
	905-8A Q	905-8A QA	.150	-.250	
	905-8A R	905-8A RA	.200	-.300	
905-8A S	905-8A SA	.250	-.350		

10-8A SPREAD FORM

SPREADS AND LOCKS.
2 LEADS COMPONENT
MEASUREMENTS IN MILLIMETERS



A	3.81
B	1.59
C	1.59
D	2.54-11.43
E	3.81-15.24

SPREAD RANGE

FOR 0.38-0.64 WIRE DIAMETERS.

DIE	DIMENSIONS		DIE	DIMENSIONS		DIE	DIMENSIONS	
	D	E		D	E		D	E
10-8A-1A	2.54	6.35	10-8A-1F	8.89	12.70	10-8A-1K	5.08	10.16
10-8A-1B	3.81	7.62	10-8A-1G	10.16	13.97	10-8A-1L	6.35	11.43
10-8A-1C	5.08	8.89	10-8A-1H	11.43	15.24	10-8A-1M	7.62	12.70
10-8A-1D	6.35	10.16	10-8A-1I	2.54	7.62	10-8A-1N	8.89	13.97
10-8A-1E	7.62	11.43	10-8A-1J	3.81	8.89	10-8A-1O	10.16	15.24

STATION:

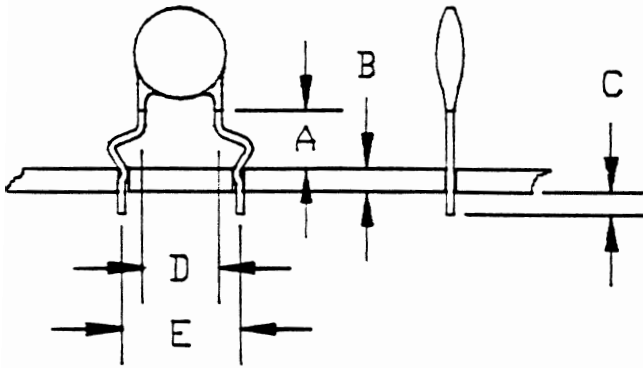
	T0/B0	T1/B1	T2/B2	KNIFE
CF-10		10-8A-1K	10-5-5C	0.38-0.64 WIRE DIA.

10-8A SPREAD FORM

SPREADS AND LOCKS.

2 LEADS COMPONENT

MEASUREMENTS IN INCHES



A	.150
B	.062
C	.062
D	.100-.450
E	.150-.600

SPREAD RANGE

FOR .015-.025 WIRE DIAMETERS.

DIE	DIMENSIONS		DIE	DIMENSIONS		DIE	DIMENSIONS	
	D	E		D	E		D	E
10-8A-1A	.100	.250	10-8A-1F	.350	.500	10-8A-1K	.200	.400
10-8A-1B	.150	.300	10-8A-1G	.400	.550	10-8A-1L	.250	.450
10-8A-1C	.200	.350	10-8A-1H	.450	.600	10-8A-1M	.300	.500
10-8A-1D	.250	.400	10-8A-1I	.100	.300	10-8A-1N	.350	.550
10-8A-1E	.300	.450	10-8A-1J	.150	.350	10-8A-1O	.400	.600

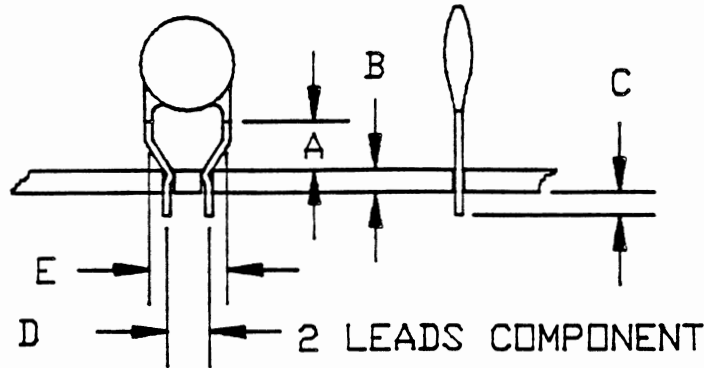
STATION:

	T0/B0	T1/B1	T2/B2	KNIFE
CF-10		10-8A-1()	10-5-5C	.015-.025 WIRE DIA.

905-8B REDUCING FORM

(WITH LOCK-IN STAND-OFF)

FOR 0.38-0.64 WIRE DIA.
MEASUREMENTS IN MILLIMETERS



A	3.18
B	1.59 (A-I)
B	0.79 (J-S)
C	1.59

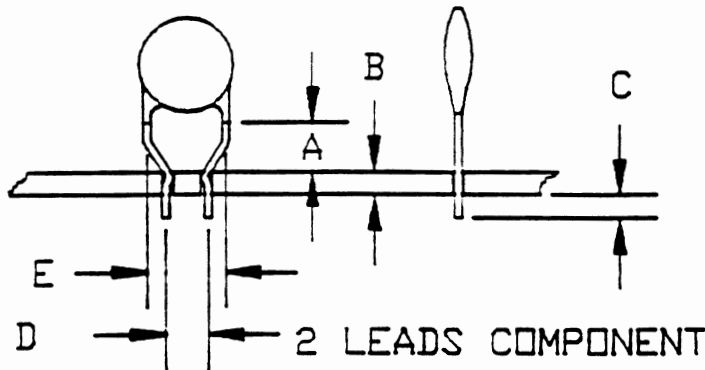
FOR 1.59 P.C.BOARD	P.C.BOARD HOLE DIAMETER				KNIFE 905-5C
	0.76-1.02	1.02-1.27	D	E	
	905-8B A	905-8B AA	2.54	3.81	
	905-8B B	905-8B BA	3.81	5.08	
	905-8B C	905-8B CA	5.08	6.35	
	905-8B D	905-8B DA	6.35	7.62	
	905-8B E	905-8B EA	7.62	8.89	
	905-8B F	905-8B FA	2.54	5.08	
	905-8B G	905-8B GA	3.81	6.35	
	905-8B H	905-8B HA	5.08	7.62	
905-8B I	905-8B IA	6.35	8.89		

FOR 0.79 P.C.BOARD	P.C.BOARD HOLE DIAMETER				KNIFE 905-5D
	0.76-1.02	1.02-1.27	D	E	
	905-8B J	905-8B JA	2.54	3.81	
	905-8B K	905-8B KA	3.81	5.08	
	905-8B L	905-8B LA	5.08	6.35	
	905-8B M	905-8B MA	6.35	7.62	
	905-8B N	905-8B NA	7.62	8.89	
	905-8B P	905-8B PA	2.54	5.08	
	905-8B Q	905-8B QA	3.81	6.35	
	905-8B R	905-8B RA	5.08	7.62	
905-8B S	905-8B SA	6.35	8.89		

75 PLACE IN STATION T1 AND B1 ON CF-10

905-8B REDUCING FORM

(WITH LOCK-IN STAND-OFF)
FOR .015-.025 WIRE DIA.
MEASUREMENTS IN INCHES



A	.125
B	.062 (A-D)
B	.031 (J-S)
C	.062

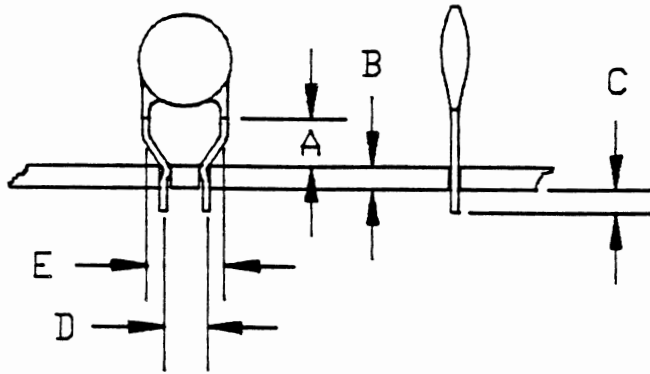
PLACE IN STATIONS B1 AND T1 ON CF-10.

FOR .062 P.C.BOARD	P.C.BOARD HOLE DIAMETER				KNIFE 905-5C
	.030-.040	.040-.050	D	E	
	905-8B A	905-8B AA	.100 -	.150	
	905-8B B	905-8B BA	.150 -	.200	
	905-8B C	905-8B CA	.200 -	.250	
	905-8B D	905-8B DA	.250 -	.300	
	905-8B E	905-8B EA	.300 -	.350	
	905-8B F	905-8B FA	.100 -	.200	
	905-8B G	905-8B GA	.150 -	.250	
	905-8B H	905-8B HA	.200 -	.300	
905-8B I	905-8B IA	.250 -	.350		

FOR .031 P.C.BOARD	P.C.BOARD HOLE DIAMETER				KNIFE 905-5D
	.030-.040	.040-.050	D	E	
	905-8B J	905-8B JA	.100 -	.150	
	905-8B K	905-8B KA	.150 -	.200	
	905-8B L	905-8B LA	.200 -	.250	
	905-8B M	905-8B MA	.250 -	.300	
	905-8B N	905-8B NA	.300 -	.350	
	905-8B P	905-8B PA	.100 -	.200	
	905-8B Q	905-8B QA	.150 -	.250	
	905-8B R	905-8B RA	.200 -	.300	
905-8B S	905-8B SA	.250 -	.350		

10-8B REDUCING FORM

REDUCES AND LOCKS.
2 LEADS COMPONENT
MEASUREMENTS IN MILLIMETERS



A	3.18
B	1.59
C	1.59
D	2.54-10.16
E	6.35-15.24

REDUCING RANGE:

FOR 0.38-0.64 WIRE DIAMETERS.

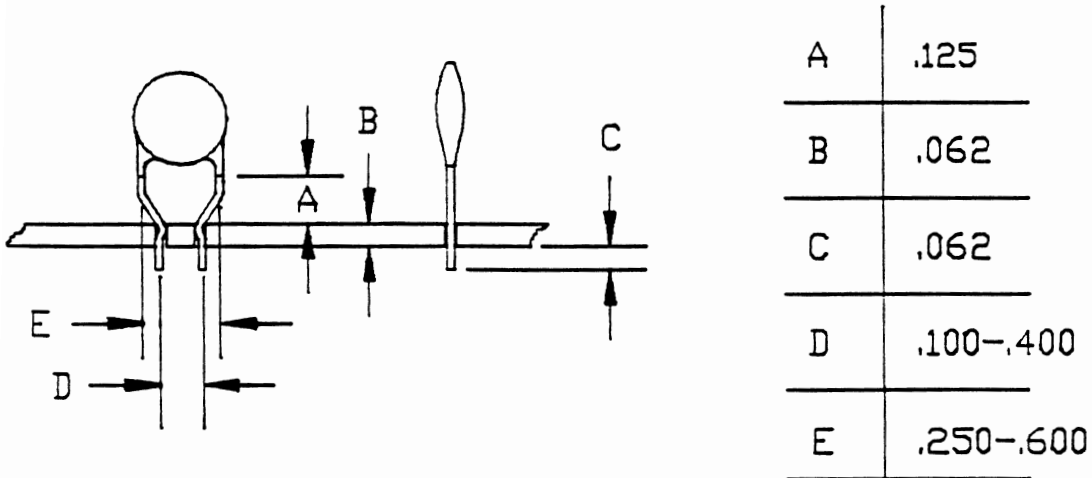
DIE	DIMENSIONS		DIE	DIMENSIONS		DIE	DIMENSIONS	
	D	E		D	E		D	E
10-8B-1A	2.54	6.35	10-8B-1F	8.89	12.70	10-8B-1K	5.08	10.16
10-8B-1B	3.81	7.62	10-8B-1G	10.16	13.97	10-8B-1L	6.35	11.43
10-8B-1C	5.08	8.89	10-8B-1H	11.43	15.24	10-8B-1M	7.62	12.70
10-8B-1D	6.35	10.16	10-8B-1I	2.54	7.62	10-8B-1N	8.89	13.97
10-8B-1E	7.62	11.43	10-8B-1J	3.81	8.89	10-8B-1O	10.16	15.24

STATION:

	T0/B0	T1/B1	T2/B2	KNIFE
CF-10		10-8B-1()	10-5-5C	0.38-0.64 WIRE DIA.

10-8B REDUCING FORM

REDUCES AND LOCKS.
2 LEADS COMPONENT
MEASUREMENTS IN INCHES



REDUCING RANGE:

FOR .015-.025 WIRE DIAMETERS.

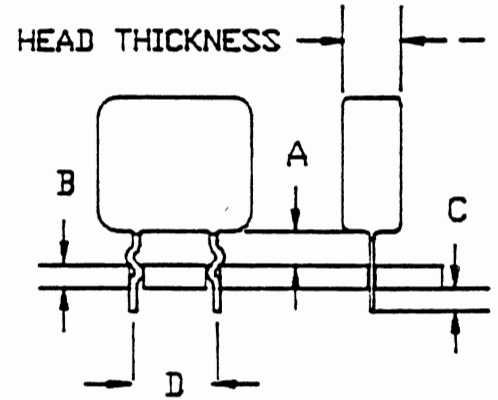
DIE	DIMENSIONS		DIE	DIMENSIONS		DIE	DIMENSIONS	
	D	E		D	E		D	E
10-8B-1A	.100-.250		10-8B-1F	.350-.500		10-8B-1K	.200-.400	
10-8B-1B	.150-.300		10-8B-1G	.400-.550		10-8B-1L	.250-.450	
10-8B-1C	.200-.350		10-8B-1H	.450-.600		10-8B-1M	.300-.500	
10-8B-1D	.250-.400		10-8B-1I	.100-.300		10-8B-1N	.350-.550	
10-8B-1E	.300-.450		10-8B-1J	.150-.350		10-8B-1O	.400-.600	

STATION:

	T0/B0	T1/B1	T2/B2	KNIFE
CF-10		10-8B-1K	10-5-5C	.015-.025 WIRE DIA.

- 1) FOR HEAD THICKNESS OF 1.27 -3.81
- 2) FOR HEAD THICKNESS OF 2.54 -5.08

905-10 FORM
STAND-OFF LOCK-IN
MEASUREMENTS IN
MILLIMETERS



WIRE DIAMETERS UP TO 0.64	P.C.BOARD HOLE DIA.		
	0.76-1.02	1.02-1.27	D
	905-10 A - (1 DR 2)	905-10AA - (1 DR 2)	2.54
	905-10 B - (1 DR 2)	905-10BA - (1 DR 2)	3.81
	905-10 C - (1 DR 2)	905-10CA - (1 DR 2)	5.08
	905-10 D - (1 DR 2)	905-10DA - (1 DR 2)	6.35
	905-10 E - (1 DR 2)	905-10EA - (1 DR 2)	7.62
	905-10 F - (1 DR 2)	905-10FA - (1 DR 2)	8.89
	905-10 G - (1 DR 2)	905-10GA - (1 DR 2)	10.16

DIM.	WIRE DIAMETER	
	0.64	0.64-0.89
A	2.29	.125
B	1.59	1.59
C	1.59	1.59
D	SEE CHART	SEE CHART

WIRE DIAMETERS 0.64-0.89	P.C.BOARD HOLE DIA.		
	1.02-1.27	1.27-.060	D
	905-10M - (1 DR 2)	905-10MA - (1 DR 2)	2.54
	905-10N - (1 DR 2)	905-10NA - (1 DR 2)	3.81
	905-10O - (1 DR 2)	905-10OA - (1 DR 2)	5.08
	905-10P - (1 DR 2)	905-10PA - (1 DR 2)	6.35
	905-10Q - (1 DR 2)	905-10QA - (1 DR 2)	7.62
	905-10R - (1 DR 2)	905-10RA - (1 DR 2)	8.89
	905-10S - (1 DR 2)	905-10SA - (1 DR 2)	10.16

WIRE DIA.	KNIFE
0.64	905-5D
0.76	905-5CK
0.89	905-5CKK

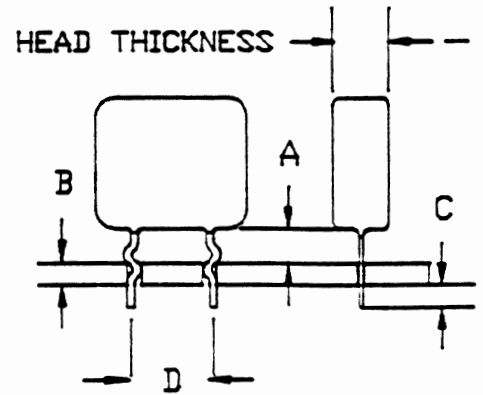
PLACE IN STATIONS
T1 AND B1 ON CF-10

- 1) FOR HEAD THICKNESS OF .050 - .150
- 2) FOR HEAD THICKNESS OF .100 - .200

905-10 FORM

STAND-OFF LOCK-IN
MEASUREMENTS IN
INCHES

WIRE DIAMETERS UP TO .025	P.C. BOARD HOLE DIA.		
	.030-.040	.040-.050	D
	905-10 A - (1 OR 2)	905-10AA - (1 OR 2)	.100
	905-10 B - (1 OR 2)	905-10BA - (1 OR 2)	.150
	905-10 C - (1 OR 2)	905-10CA - (1 OR 2)	.200
	905-10 D - (1 OR 2)	905-10DA - (1 OR 2)	.250
	905-10 E - (1 OR 2)	905-10EA - (1 OR 2)	.300
	905-10 F - (1 OR 2)	905-10FA - (1 OR 2)	.350
	905-10 G - (1 OR 2)	905-10GA - (1 OR 2)	.400



DIM.	WIRE DIAMETER	
	.025	.025-.035
A	.090	.125
B	.062	.062
C	.062	.062
D	SEE CHART	SEE CHART

WIRE DIAMETERS .025-.035	P.C. BOARD HOLE DIA.		
	.040-.050	.050-.060	D
	905-10M - (1 OR 2)	905-10MA - (1 OR 2)	.100
	905-10N - (1 OR 2)	905-10NA - (1 OR 2)	.150
	905-10O - (1 OR 2)	905-10OA - (1 OR 2)	.200
	905-10P - (1 OR 2)	905-10PA - (1 OR 2)	.250
	905-10Q - (1 OR 2)	905-10QA - (1 OR 2)	.300
	905-10R - (1 OR 2)	905-10RA - (1 OR 2)	.350
	905-10S - (1 OR 2)	905-10SA - (1 OR 2)	.400

WIRE DIA.	KNIFE
.025	905-5D
.030	905-5CK
.035	905-5CKK

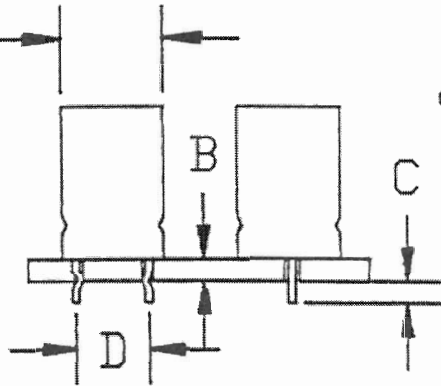
PLACE IN STATIONS
T1 AND B1 ON CF-10

MEASUREMENTS IN MILLIMETERS

16.51 MAX. DIA. →

905-11 FORM
905-11B FORM
FLUSH MOUNT LOCK-IN

B	1.59
C	1.59
D	SEE CHART



PLACE IN STATIONS T1 AND B1 ON CF-10

WIRE DIAMETERS UP TO 0.64	P.C.BOARD HOLE DIAMETER					KNIFE 905-5F
	0.51-0.64	0.64-0.89	0.89-1.02	1.02-1.27	D	
905-11-10 A	905-11-10 B	905-11-10 C	905-11-10 D	2.54		
905-11-15 A	905-11-15 B	905-11-15 C	905-11-15 D	3.81		
905-11-20 A	905-11-20 B	905-11-20 C	905-11-20 D	5.08		
905-11-25 A	905-11-25 B	905-11-25 C	905-11-25 D	6.35		
905-11-30 A	905-11-30 B	905-11-30 C	905-11-30 D	7.62		
905-11-35 A	905-11-35 B	905-11-35 C	905-11-35 D	8.89		
905-11-40 A	905-11-40 B	905-11-40 C	905-11-40 D	10.16		

COMPONENTS NEED A FLAT
BASE FOR FLUSH MOUNTING.

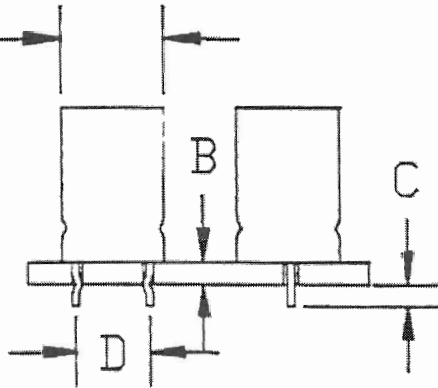
WIRE DIAMETERS 0.76-0.89	P.C.BOARD HOLE DIAMETER					KNIFE 905-5FK / 0.76 WIRE	KNIFE 905-5FKK / 0.89 WIRE
	0.76-0.89	0.89-1.14	1.02-1.27	1.27-1.52	D		
905-11B-10 A	905-11B-10 B	905-11B-10 C	905-11B-10 D	2.54			
905-11B-15 A	905-11B-15 B	905-11B-15 C	905-11B-15 D	3.81			
905-11B-20 A	905-11B-20 B	905-11B-20 C	905-11B-20 D	5.08			
905-11B-25 A	905-11B-25 B	905-11B-25 C	905-11B-25 D	6.35			
905-11B-30 A	905-11B-30 B	905-11B-30 C	905-11B-30 D	7.62			
905-11B-35 A	905-11B-35 B	905-11B-35 C	905-11B-35 D	8.89			
905-11B-40 A	905-11B-40 B	905-11B-40 C	905-11B-40 D	10.16			

MEASUREMENTS IN INCHES

.650 MAX. DIA.

905-11 FORM
905-11B FORM
FLUSH MOUNT LOCK-IN

B	.062
C	.062
D	SEE CHART



PLACE IN STATIONS T1 AND B1 ON CF-10

WIRE DIAMETERS UP TO .025	P.C.BOARD HOLE DIAMETER					KNIFE 905-5F
	.020-.025	.025-.035	.035-.040	.040-.050	D	
905-11-10 A	905-11-10 B	905-11-10 C	905-11-10 D		.100	
905-11-15 A	905-11-15 B	905-11-15 C	905-11-15 D		.150	
905-11-20 A	905-11-20 B	905-11-20 C	905-11-20 D		.200	
905-11-25 A	905-11-25 B	905-11-25 C	905-11-25 D		.250	
905-11-30 A	905-11-30 B	905-11-30 C	905-11-30 D		.300	
905-11-35 A	905-11-35 B	905-11-35 C	905-11-35 D		.350	
905-11-40 A	905-11-40 B	905-11-40 C	905-11-40 D		.400	

COMPONENTS NEED A FLAT
BASE FOR FLUSH MOUNTING.

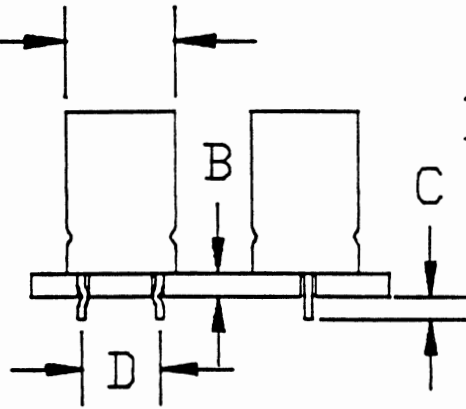
WIRE DIAMETERS .030-.035	P.C.BOARD HOLE DIAMETER					KNIFE 905-5FK / .030 WIRE	KNIFE 905-5FKK / .035 WIRE
	.030-.035	.035-.045	.040-.050	.050-.060	D		
905-11B-10 A	905-11B-10 B	905-11B-10 C	905-11B-10 D		.100		
905-11B-15 A	905-11B-15 B	905-11B-15 C	905-11B-15 D		.150		
905-11B-20 A	905-11B-20 B	905-11B-20 C	905-11B-20 D		.200		
905-11B-25 A	905-11B-25 B	905-11B-25 C	905-11B-25 D		.250		
905-11B-30 A	905-11B-30 B	905-11B-30 C	905-11B-30 D		.300		
905-11B-35 A	905-11B-35 B	905-11B-35 C	905-11B-35 D		.350		
905-11B-40 A	905-11B-40 B	905-11B-40 C	905-11B-40 D		.400		

MEASUREMENTS IN MILLIMETERS

16.51 MAX. DIA.

10-14 FORM
10-14B FORM
FLUSH MOUNT LOCK-IN

B	1.59
C	1.59
D	SEE CHART



WIRE DIAMETERS UP TO 0.64	P.C.BOARD HOLE DIAMETER					KNIFE 10-5-5F/0.64 WIRE COMPONENTS NEED A FLAT BASE FOR FLUSH MOUNTING.
	0.51-0.64	0.64-0.89	0.89-1.02	1.02-1.14	D	
	10-14-30A	10-14-30B	10-14-30C	10-14-30D	7.62	
	10-14-35A	10-14-35B	10-14-35C	10-14-35D	8.89	
	10-14-40A	10-14-40B	10-14-40C	10-14-40D	10.16	
	10-14-45A	10-14-45B	10-14-45C	10-14-45D	11.43	
	10-14-50A	10-14-50B	10-14-50C	10-14-50D	12.70	
	10-14-55A	10-14-55B	10-14-55C	10-14-55D	13.97	
	10-14-60A	10-14-60B	10-14-60C	10-14-60D	15.24	

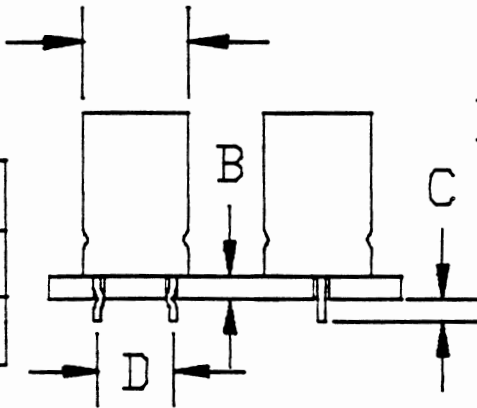
WIRE DIAMETERS 0.64-0.89	P.C.BOARD HOLE DIAMETER					KNIFE 10-5-5FK / 0.76 WIRE KNIFE 10-5-5FKK / 0.89 WIRE
	0.76-0.89	0.89-1.14	1.02-1.27	1.27-1.52	D	
	10-14B-30A	10-14B-30B	10-14B-30C	10-14B-30D	7.62	
	10-14B-35A	10-14B-35B	10-14B-35C	10-14B-35D	8.89	
	10-14B-40A	10-14B-40B	10-14B-40C	10-14B-40D	10.16	
	10-14B-45A	10-14B-45B	10-14B-45C	10-14B-45D	11.43	
	10-14B-50A	10-14B-50B	10-14B-50C	10-14B-50D	12.70	
	10-14B-55A	10-14B-55B	10-14B-55C	10-14B-55D	13.97	
	10-14B-60A	10-14B-60B	10-14B-60C	10-14B-60D	15.24	

MEASUREMENTS IN INCHES

.650 MAX. DIA.

10-14 FORM
10-14B FORM
FLUSH MOUNT LOCK-IN

B	.062
C	.062
D	SEE CHART



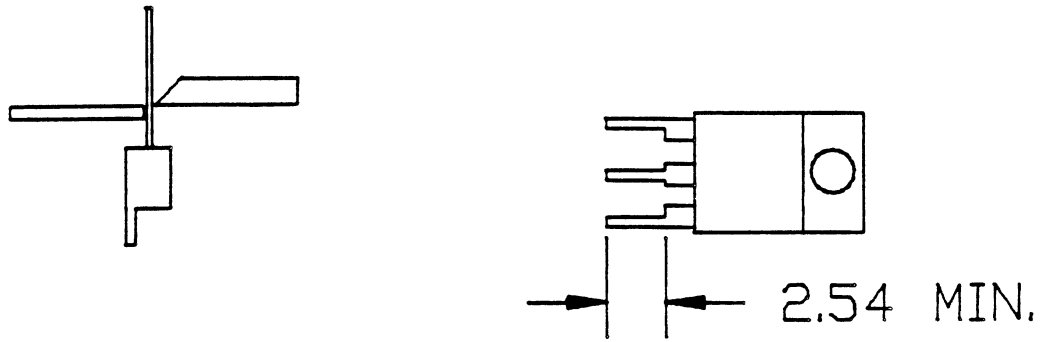
WIRE DIAMETERS UP TO .025	P.C.BOARD HOLE DIAMETER					KNIFE 10-5-5F/.025 WIRE
	.020-.025	.025-.035	.035-.040	.040-.050	D	
10-14-30A	10-14-30B	10-14-30C	10-14-30D	.300		
10-14-35A	10-14-35B	10-14-35C	10-14-35D	.350		
10-14-40A	10-14-40B	10-14-40C	10-14-40D	.400		
10-14-45A	10-14-45B	10-14-45C	10-14-45D	.450		
10-14-50A	10-14-50B	10-14-50C	10-14-50D	.500		
10-14-55A	10-14-55B	10-14-55C	10-14-55D	.550		
10-14-60A	10-14-60B	10-14-60C	10-14-60D	.600		

COMPONENTS NEED A FLAT
BASE FOR FLUSH MOUNTING.

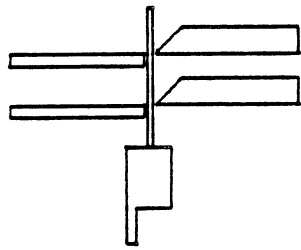
WIRE DIAMETERS .025-.035	P.C.BOARD HOLE DIAMETER					KNIFE 10-5-5FK / .030 WIRE	KNIFE 10-5-5FKK / .035 WIRE
	.030-.035	.035-.045	.040-.050	.050-.060	D		
10-14B-30A	10-14B-30B	10-14B-30C	10-14B-30D	.300			
10-14B-35A	10-14B-35B	10-14B-35C	10-14B-35D	.350			
10-14B-40A	10-14B-40B	10-14B-40C	10-14B-40D	.400			
10-14B-45A	10-14B-45B	10-14B-45C	10-14B-45D	.450			
10-14B-50A	10-14B-50B	10-14B-50C	10-14B-50D	.500			
10-14B-55A	10-14B-55B	10-14B-55C	10-14B-55D	.550			
10-14B-60A	10-14B-60B	10-14B-60C	10-14B-60D	.600			

TO-220 KNIVES, MEASUREMENTS IN MILLIMETERS

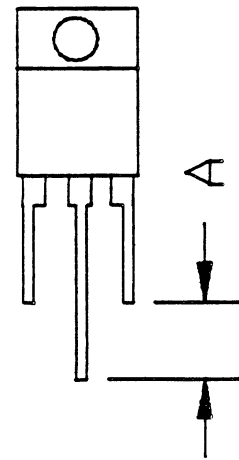
10-11-6A
CUTS LEADS IN LINE



10-11-6()
STAGGERED CUTTING KNIFE



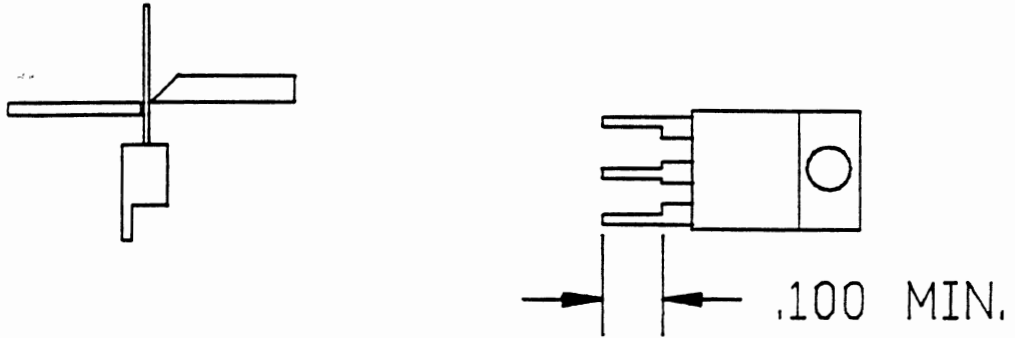
A DIM.	DIE #
A= 1.27	10-11-6(05)
A= 2.54	10-11-6(10)
A= 3.81	10-11-6(15)
A= 5.08	10-11-6(20)



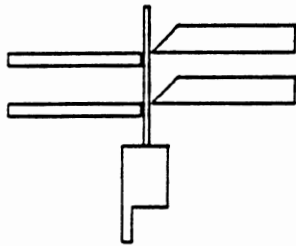
TO-220 KNIVES.

MEASUREMENTS IN INCHES

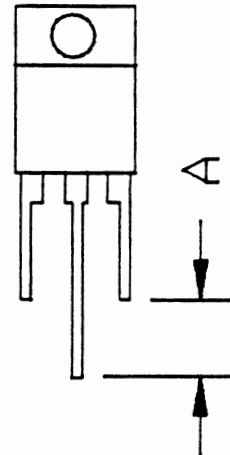
10-11-6A
CUTS LEADS IN LINE



10-11-6()
STAGGERED CUTTING KNIFE



A DIM.	DIE #
A= .050	10-11-6(05)
A= .100	10-11-6(10)
A= .150	10-11-6(15)
A= .200	10-11-6(20)



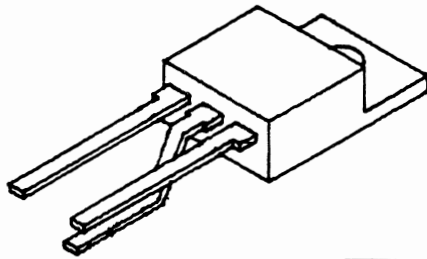
MEASUREMENTS IN MILLIMETERS

10-11-7 FORM, 10-11-12 FORM.

OFFSETS MIDDLE LEAD

TOWARD HEATSINK

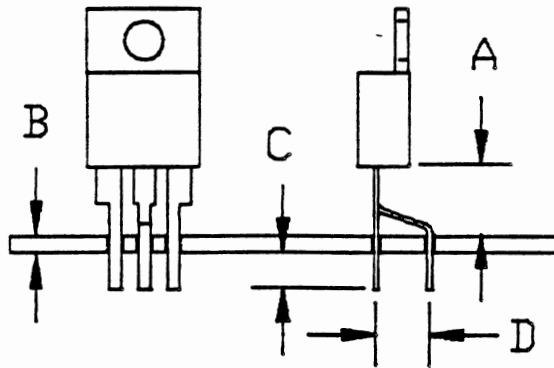
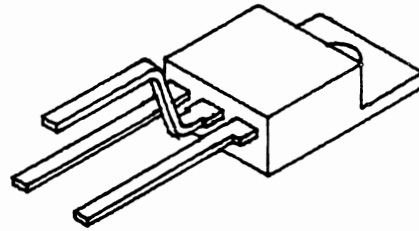
TO-220



OFFSETS MIDDLE LEAD

AWAY FROM HEATSINK

TO-220



A	5.08 @ 7.62 MIDDLE LEAD OFFSET
B	1.59
C	1.59 ADJUSTABLE
D	1.27-7.62 @ 1.27 INCREMENTS.

(D DIM.) OFFSET DISTANCE	DIE #:	KNIFE:
1.27	10-11-7(05)	10-11-6(05)
2.54	10-11-7(10)	10-11-6(10)
3.81	10-11-7(15)	10-11-6(15)
5.08	10-11-7(20)	10-11-6(20)
6.35	10-11-7(25)	
7.62	10-11-7(30)	

(D DIM.) OFFSET DISTANCE	DIE #:	KNIFE:
1.27	10-11-12(05)	10-11-6(05)
2.54	10-11-12(10)	10-11-6(10)
3.81	10-11-12(15)	10-11-6(15)
5.08	10-11-12(20)	10-11-6(20)
6.35	10-11-12(25)	
7.62	10-11-12(30)	

STATION:

	T0/B0	T1/B1	T2/B2
CF-10	KNIFE	10-11-7() 10-11-12()	

MEASUREMENTS IN INCHES

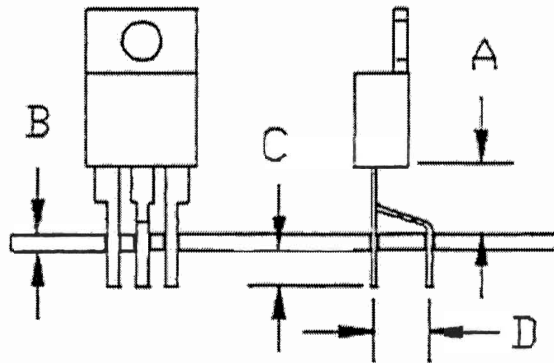
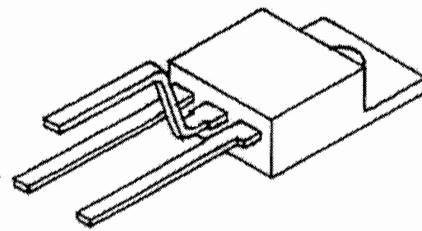
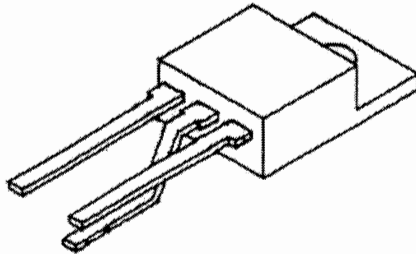
10-11-7 FORM. 10-11-12 FORM.

OFFSETS MIDDLE LEAD
TOWARD HEATSINK

OFFSETS MIDDLE LEAD
AWAY FROM HEATSINK

TO-220

TO-220



A	.200 @ .300 MIDDLE LEAD OFFSET
B	.062
C	.062 ADJUSTABLE
D	.050-.300 @ .050 INCREMENTS.

<D DIM.> OFFSET DISTANCE:	DIE #:	KNIFE:
.050	10-11-7<05>	10-11-6<015>
.100	10-11-7<10>	10-11-6<045>
.150	10-11-7<15>	10-11-6<075>
.200	10-11-7<20>	10-11-6<105>
.250	10-11-7<25>	10-11-6<135>

<D DIM.> OFFSET DISTANCE:	DIE #:	KNIFE:
.050	10-11-12<05>	10-11-6<015>
.100	10-11-12<10>	10-11-6<045>
.150	10-11-12<15>	10-11-6<075>
.200	10-11-12<20>	10-11-6<105>
.250	10-11-12<25>	10-11-6<135>

STATION:

	T0/B0	T1/B1	T2/B2
CF-10	Refer to 10-11-6() knife	10-11-7() 10-11-12()	EMPTY

MEASUREMENTS IN MILLIMETERS

10-11-8 FORM.

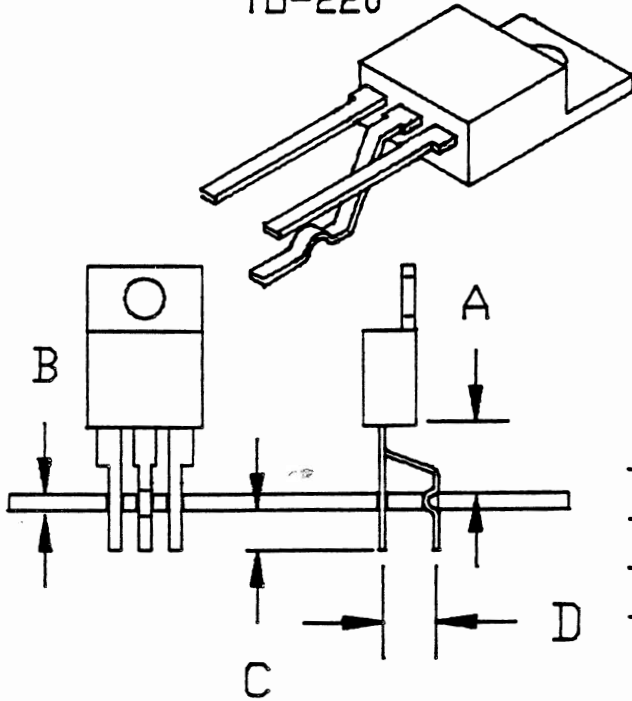
10-11-13 FORM.

OFFSETS & LOCKS MIDDLE LEAD
TOWARD HEATSINK

OFFSETS & LOCKS MIDDLE LEAD
AWAY FROM HEATSINK

TO-220

TO-220



A	3.81 @ 5.08 MIDDLE LEAD OFFSET
B	1.59 ADJUSTABLE.
C	1.59
D	1.27-5.08 @ 1.27 INCREMENTS.

OFFSET DISTANCE:	HOLE DIA. A:0.89-1.02	HOLE DIA. B:1.02-1.14	HOLE DIA. C:1.14-1.27	HOLE DIA. D:1.27-1.40	KNIFE:
1.27	10-11-8A(05)	10-11-8B(05)	10-11-8C(05)	10-11-8D(05)	10-11-6 (05)
2.54	10-11-8A(10)	10-11-8B(10)	10-11-8C(10)	10-11-8D(10)	10-11-6 (10)
3.81	10-11-8A(15)	10-11-8B(15)	10-11-8C(15)	10-11-8D(15)	10-11-6 (15)
5.08	10-11-8A(20)	10-11-8B(20)	10-11-8C(20)	10-11-8D(20)	10-11-6 (20)

OFFSET DISTANCE:	HOLE DIA. A:0.89-1.02	HOLE DIA. B:1.02-1.14	HOLE DIA. C:1.14-1.27	HOLE DIA. D:1.27-1.40	KNIFE:
1.27	10-11-13A(05)	10-11-13B(05)	10-11-13C(05)	10-11-13D(05)	10-11-6 (05)
2.54	10-11-13A(10)	10-11-13B(10)	10-11-13C(10)	10-11-13D(10)	10-11-6 (10)
3.81	10-11-13A(15)	10-11-13B(15)	10-11-13C(15)	10-11-13D(15)	10-11-6 (15)
5.08	10-11-13A(20)	10-11-13B(20)	10-11-13C(20)	10-11-13D(20)	10-11-6 (20)

STATION:

	T0/B0	T1/B1	T2/B2
CF-10	REFER TO 10-11-6() KNIFE	10-11-8() 10-11-13()	EMPTY

MEASUREMENTS IN INCHES

10-11-8 FORM.

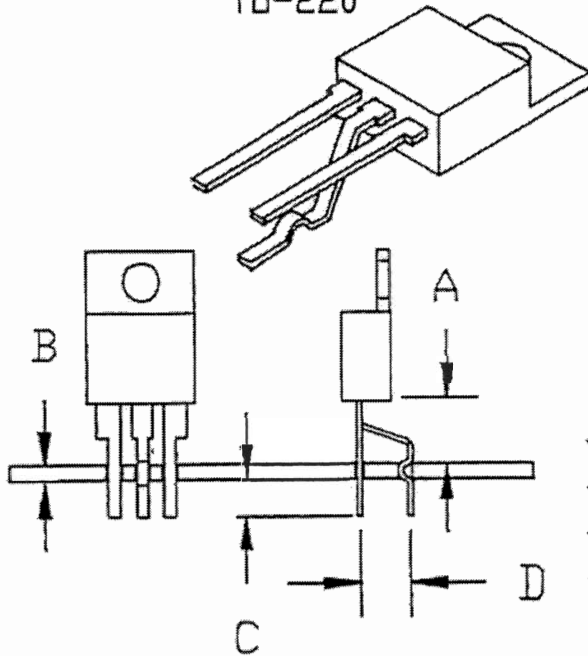
10-11-13 FORM.

OFFSETS & LOCKS MIDDLE LEAD
TOWARD HEATSINK

OFFSETS & LOCKS MIDDLE LEAD
AWAY FROM HEATSINK

TD-220

TD-220



A	.150 @ .200 MIDDLE LEAD OFFSET
B	.062 ADJUSTABLE.
C	.062
D	.050-.200 @ .050 INCREMENTS.

OFFSET DISTANCE:	HOLE DIA. A: .035-.040	HOLE DIA. B: .040-.045	KNIFE:
.050	10-11-8A(05)	10-11-8B(05)	10-11-6(030)
.100	10-11-8A(10)	10-11-8B(10)	10-11-6(060)
.150	10-11-8A(15)	10-11-8B(15)	10-11-6(090)
.200	10-11-8A(20)	10-11-8B(20)	10-11-6(120)

HOLE DIA. C: .045-.050	HOLE DIA. D: .050-.055	KNIFE:
10-11-8C(05)	10-11-8D(05)	10-11-6(035)
10-11-8C(10)	10-11-8D(10)	10-11-6(065)
10-11-8C(15)	10-11-8D(15)	10-11-6(095)
10-11-8C(20)	10-11-8D(20)	10-11-6(125)

OFFSET DISTANCE:	HOLE DIA. A: .035-.040	HOLE DIA. B: .040-.045	KNIFE:
.050	10-11-13A(05)	10-11-13B(05)	10-11-6(030)
.100	10-11-13A(10)	10-11-13B(10)	10-11-6(060)
.150	10-11-13A(15)	10-11-13B(15)	10-11-6(090)
.200	10-11-13A(20)	10-11-13B(20)	10-11-6(120)

HOLE DIA. C: .045-.050	HOLE DIA. D: .050-.055	KNIFE:
10-11-13C(05)	10-11-13D(05)	10-11-6(035)
10-11-13C(10)	10-11-13D(10)	10-11-6(065)
10-11-13C(15)	10-11-13D(15)	10-11-6(095)
10-11-13C(20)	10-11-13D(20)	10-11-6(125)

STATION:

	T0/B0	T1/B1	T2/B2
CF-10	REFER TO 10-11-6() KNIFE	10-11-8() 10-11-13()	EMPTY

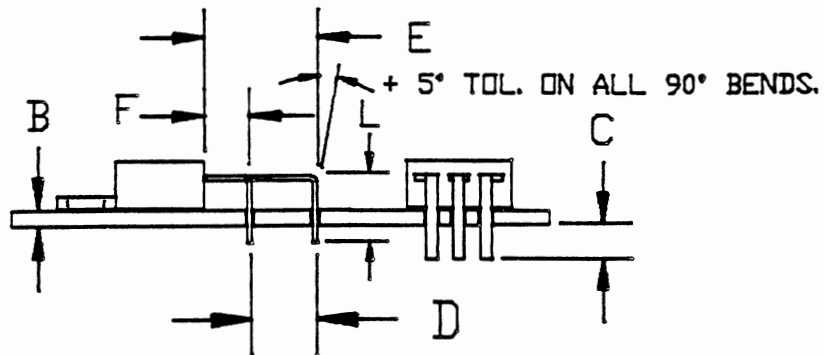
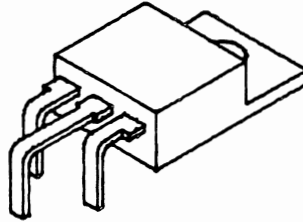
90

MEASUREMENTS IN MILLIMETERS

10-11-10 FORM.

BENDS ALL LEADS AT 90° WITH MIDDLE LEAD STAGGER.

TO-220



B	1.59
C	1.59 ADJUSTABLE.
D	1.27 -5.08 OFFSET RANGE (D). (1.27 INCREMENTS)
E	7.62 MAX.
F	2.54 MIN.
L	7.62 MAX.

D DISTANCE	DIE	KNIFE
1.27	10-11-10(05)	10-11-6(05)
2.54	10-11-10(10)	10-11-6(10)
3.81	10-11-10(15)	10-11-6(15)
5.08	10-11-10(20)	10-11-6(20)

STATION:

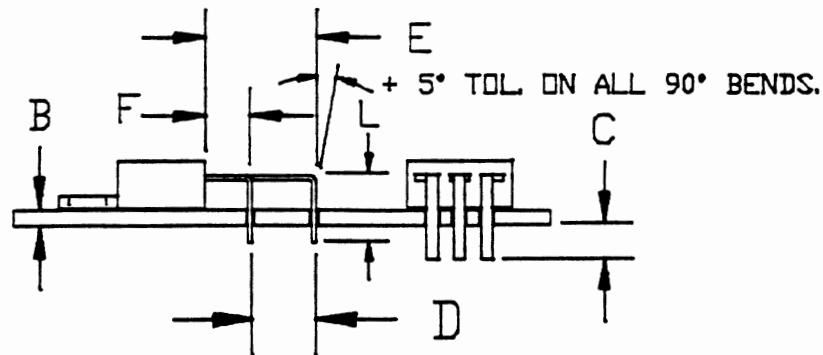
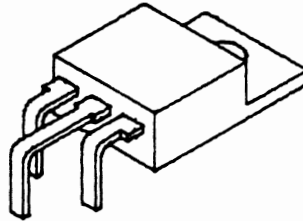
	T0/B0	T1/B1	T2/B2
CF-10	10-11-6()	10-11-10()	

MEASUREMENTS IN INCHES

10-11-10 FORM.

BENDS ALL LEADS AT 90° WITH MIDDLE LEAD STAGGER.

T0-220



B	.062
C	.062 ADJUSTABLE.
D	.050 -.200 OFFSET RANGE (D). (.050 INCREMENTS)
E	.300 MAX.
F	.100 MIN.
L	.300 MAX.

D DISTANCE	DIE	KNIFE
.050	10-11-10(05)	10-11-6(05)
.100	10-11-10(10)	10-11-6(10)
.150	10-11-10(15)	10-11-6(15)
.200	10-11-10(20)	10-11-6(20)

STATION:

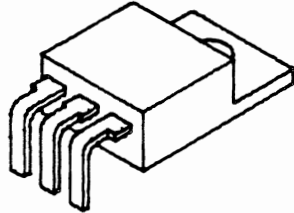
	T0/B0	T1/B1	T2/B2
CF-10	10-11-6()	10-11-10()	

MEASUREMENTS IN MILLIMETERS

10-11-16 FORM.

FORMS ALL LEADS AT 90°. TOWARDS HEATSINK

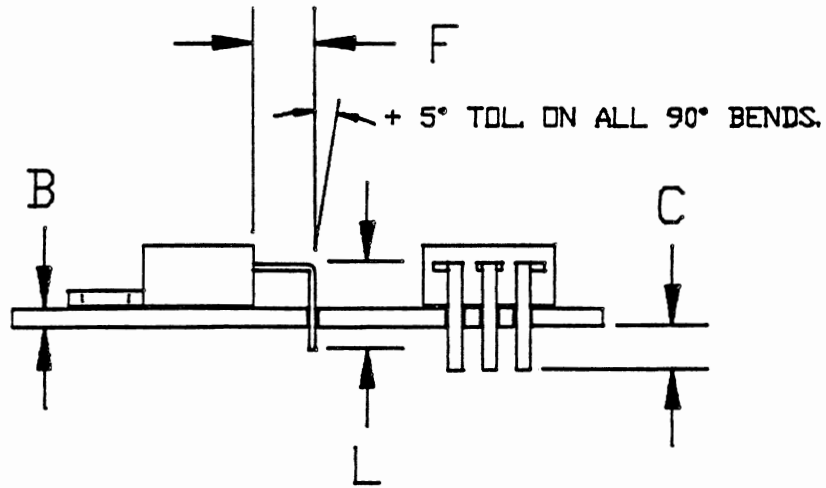
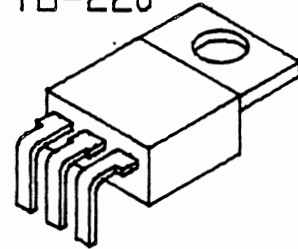
TO-220



10-11-17 FORM.

FORMS ALL LEADS AT 90°. AWAY FROM HEATSINK

TO-220



B	1.59
F	2.54 MIN. 7.62 MAX.
C	1.59 ADJUSTABLE
L	7.62 MAX.

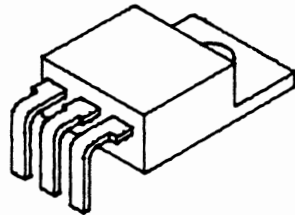
STATION:

	T0/B0	T1/B1	T2/B2
CF-10	10-11-6A	10-11-16 10-11-17	

MEASUREMENTS IN INCHES

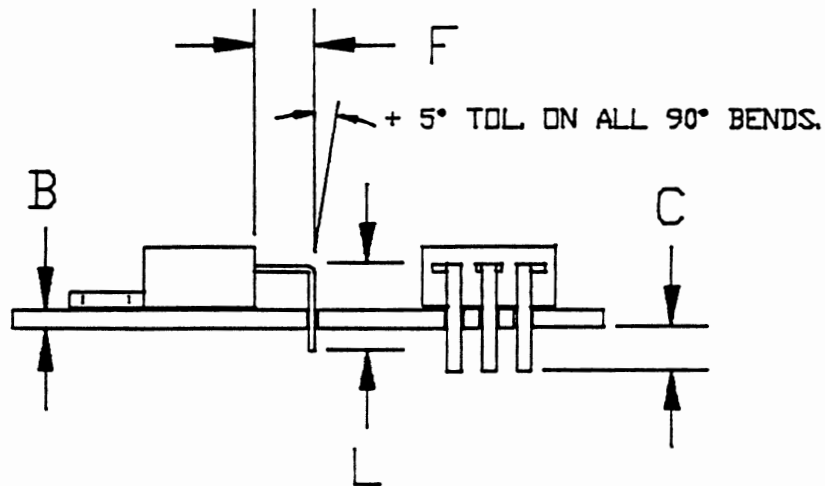
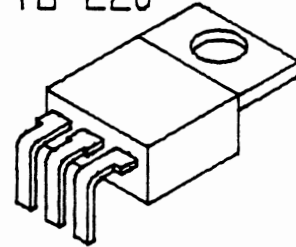
10-11-16 FORM,
FORMS ALL LEADS AT 90°.
TOWARDS HEATSINK

TO-220



10-11-17 FORM,
FORMS ALL LEADS AT 90°.
AWAY FROM HEATSINK

TO-220



B	.062
F	.100 MIN. .300 MAX.
C	.062 ADJUSTABLE
L	.300 MAX.

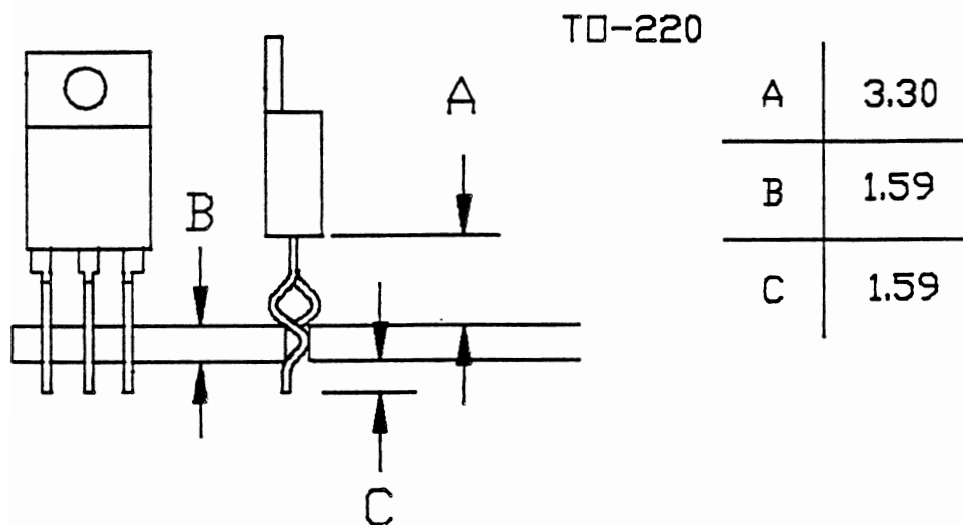
STATION:

	T0/B0	T1/B1	T2/B2
CF-10	10-11-6A	10-11-16 10-11-17	

MEASUREMENTS IN MILLIMETERS

10-11-27 FORM.

FORMS DIMPLES ON LEADS TO PRODUCE
A LOCK-IN, STAND-OFF CONFIGURATION



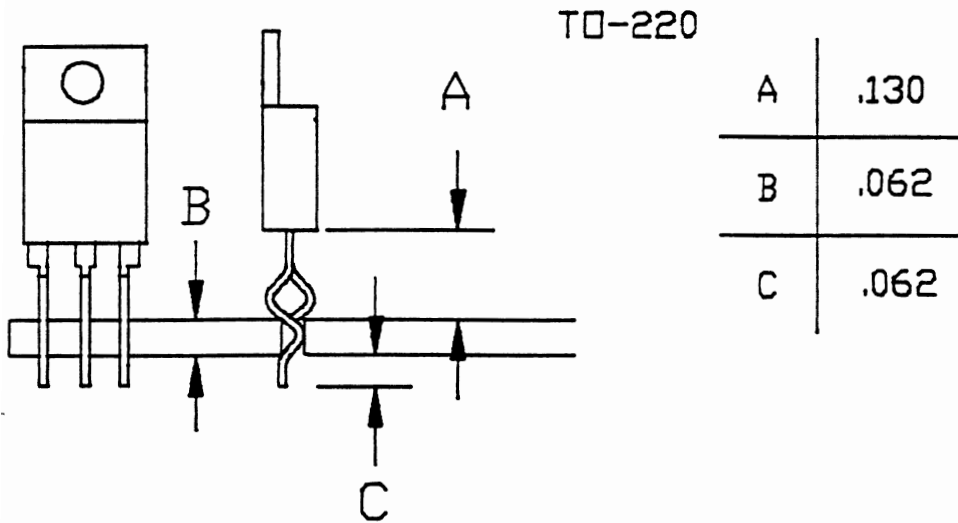
HOLE DIA. A: 0.89-1.02	HOLE DIA. B: 1.02-1.14	HOLE DIA. C: 1.14-1.27	HOLE DIA. D: 1.27-1.40
10-11-27A	10-11-27B	10-11-27C	10-11-27D

STATION:

	T0/B0	T1/B1	T2/B2
CF-10	KNIFE 10-11-6A	10-11-27	

MEASUREMENTS IN INCHES

10-11-27 FORM.
 FORMS DIMPLES ON LEADS TO PRODUCE
 A LOCK-IN, STAND-OFF CONFIGURATION



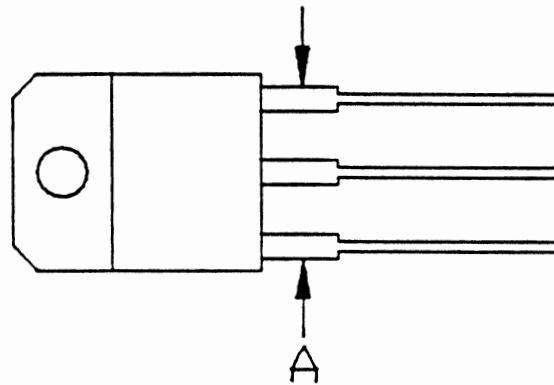
HOLE DIA.	HOLE DIA.	HOLE DIA.	HOLE DIA.
A: .035-.040	B: .040-.045	C: .045-.050	D: .050-.055
10-11-27A	10-11-27B	10-11-27C	10-11-27D

STATION:

	T0/B0	T1/B1	T2/B2
CF-10	KNIFE 10-11-6A	10-11-27	

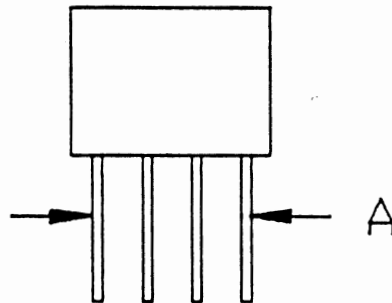
CF-10 SHUTTLES

MEASUREMENTS IN MILLIMETERS
(TD-218)



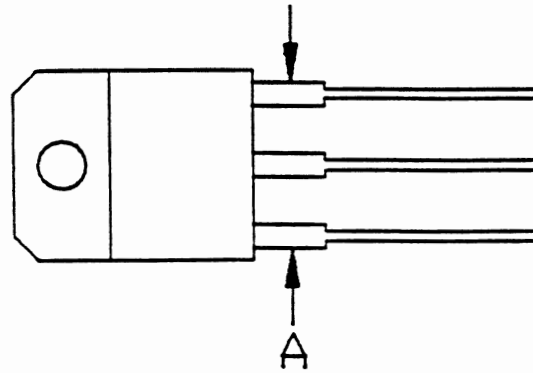
SHUTTLE SIZE	DIMENSION (A)	PART NO.
TD-218 10.92 C-C	12.19	1013-13-1
TD-218 10.92 C-C A	13.21	1013-14-1

(BRIDGE RECTIFIER)



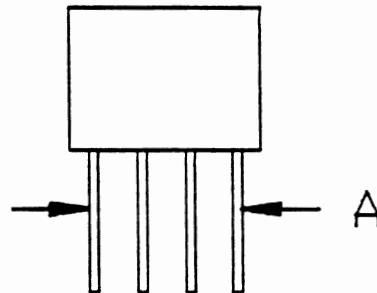
SHUTTLE SIZE	DIMENSION (A)	PART NO.
BR 11.43 C-C	12.19	1013-11-1
BR 31 15.24 C-C	16.00	1013-12-1

CF-10
SHUTTLES
MEASUREMENTS IN INCHES
(TO-218)



SHUTTLE SIZE	DIMENSION (A)	PART NO.
TO-218 .430 C-C	.480	1013-13-1
TO-218 .430 C-C A	.520	1013-14-1

(BRIDGE RECTIFIER)

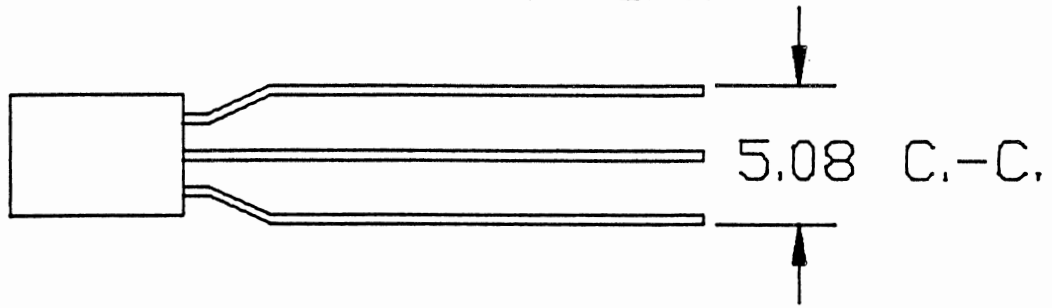


SHUTTLE SIZE	DIMENSION (A)	PART NO.
BR .450 C-C	.480	1013-11-1
BR 31 .600 C-C	.630	1013-12-1

CF-10 SHUTTLES

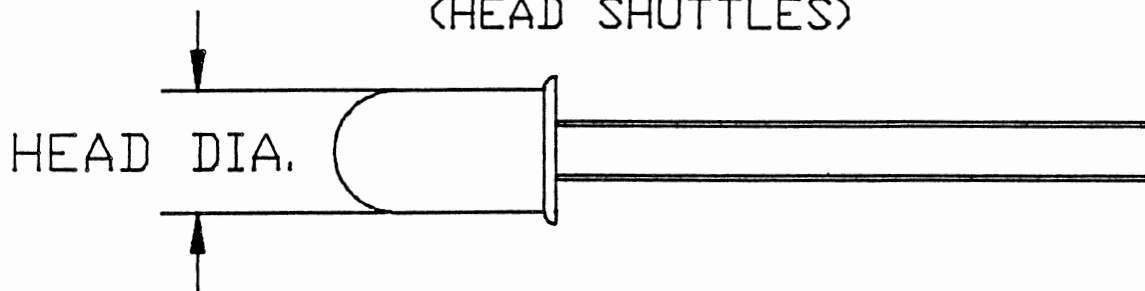
MEASUREMENTS IN MILLIMETERS

(3 LEADS COMPONENT)



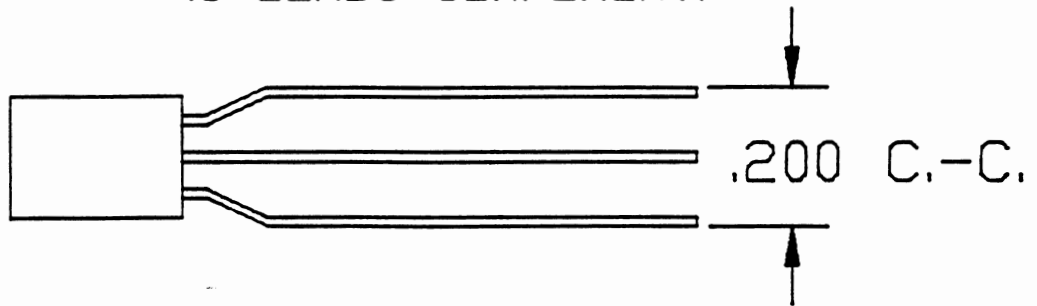
SHUTTLE SIZE	CENTER TO CENTER	PART NO.
5.08 C-C	5.08	1014-39-1
5.08 C-C A (SHORT LEADS)	5.08	1014-40-1

(HEAD SHUTTLES)

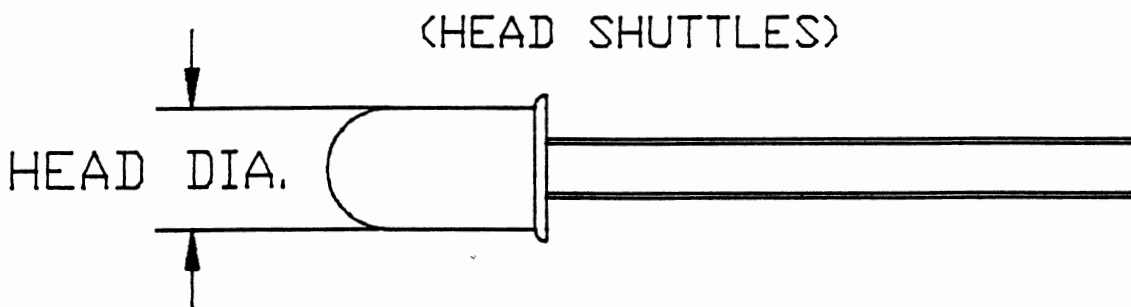


SHUTTLE SIZE	HEAD DIA. RANGE	PART NO.
4.75 DIA. H.S.	4.45 - 5.08	1013-16-1
3.18 DIA. H.S.	3.18 - .135	1013-17-1

CF-10
SHUTTLES
MEASUREMENTS IN INCHES
(3 LEADS COMPONENT)



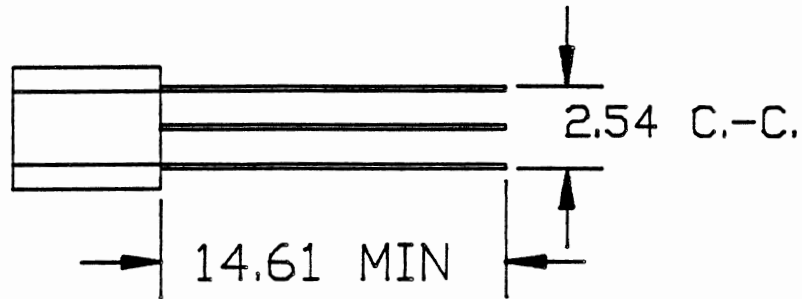
SHUTTLE SIZE	CENTER TO CENTER	PART NO.
.200 C-C	.200	1014-39-1
.200 C-C A (SHORT LEADS)	.200	1014-40-1



SHUTTLE SIZE	HEAD DIA. RANGE	PART NO.
.187 DIA. H.S.	.175 - .200	1013-16-1
.125 DIA. H.S.	.125 - .135	1013-17-1

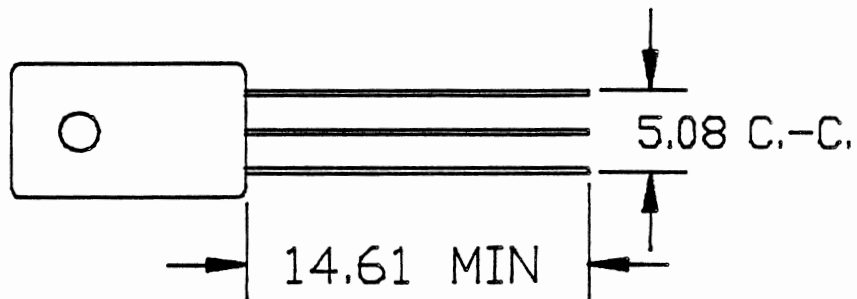
CF-10 SHUTTLES

MEASUREMENTS IN MILLIMETERS
(TO-92)



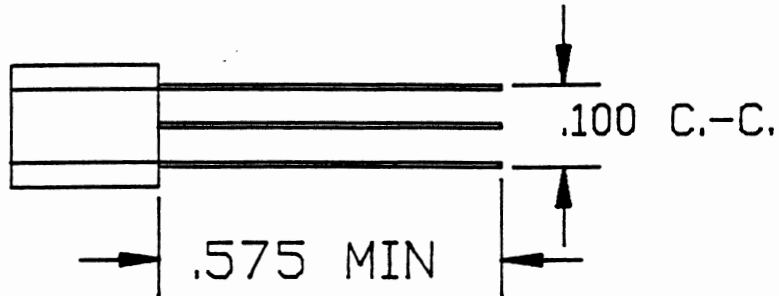
SHUTTLE SIZE	CENTER TO CENTER	PART NO.
TO-92 2.54 C-C A	2.54	1013-1-1
TO-92 2.54 C-C B (SHORT LEADS)	2.54	1013-15-1

(TO-126)



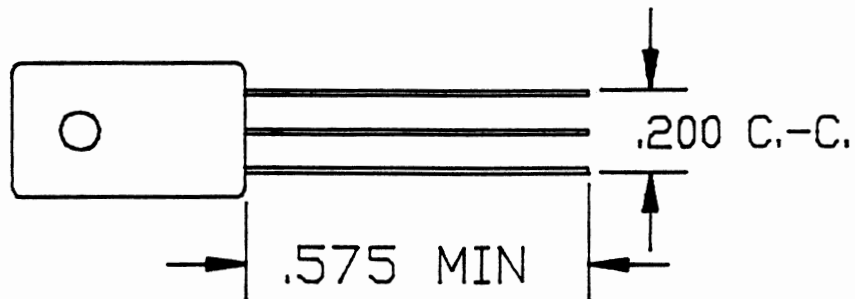
SHUTTLE SIZE	CENTER TO CENTER	PART NO.
TO-126 5.08 C-C	5.08	1013-2-1

CF-10
SHUTTLES
MEASUREMENTS IN INCHES
(TO-92)



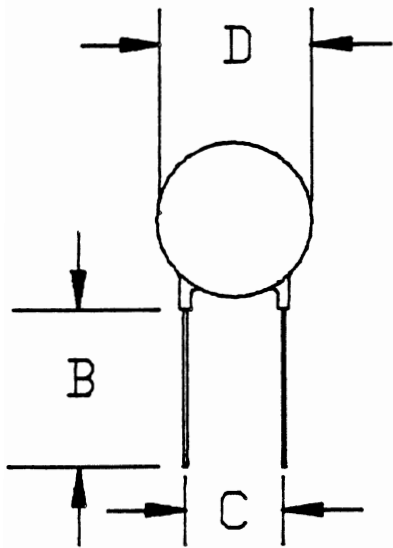
SHUTTLE SIZE	CENTER TO CENTER	PART NO.
TO-92 .100 C-C A	.100	1013-1-1
TO-92 .100 C-C B (SHORT LEADS)	.100	1013-15-1

(TO-126)



SHUTTLE SIZE	CENTER TO CENTER	PART NO.
TO-126 .200 C-C	.200	1013-2-1

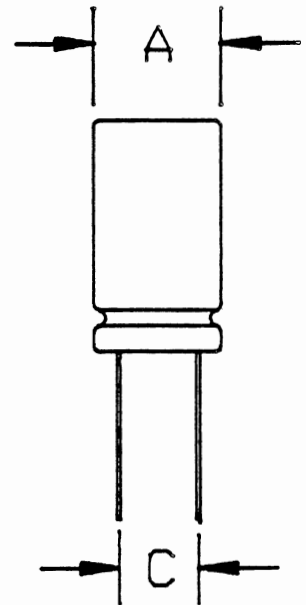
MEASUREMENTS IN MILLIMETERS



CF-10
SHUTTLES

(2 LEADS COMPONENTS)

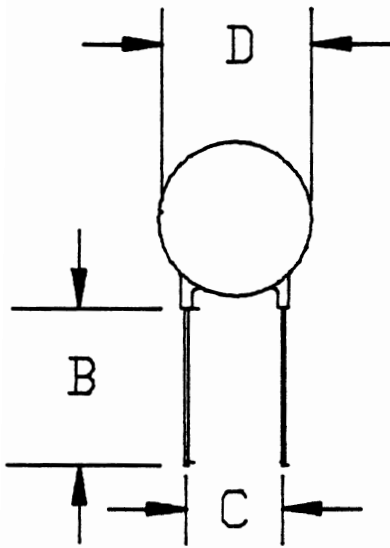
A = 16.51 MAX.
B = 14.61 MIN.*
D = 24.13 MAX.



SHUTTLE SIZE	CENTER TO CENTER RANGE	PART NO.
1.52 C-C	1.27 - 2.03	1014-37-1
2.54 C-C A	2.03 - 3.05	1014-26-1
2.54 C-C B (SHORT LEADS)	2.03 - 3.05	1014-38-1
3.81 C-C	3.05 - 4.32	1014-28-1
5.08 C-C A	4.32 - 5.59	1014-25-1
5.08 C-C B (SHORT LEADS)	4.32 - 5.59	1014-27-1
6.35 C-C	5.59 - 6.86	1014-29-1
7.62 C-C	6.86 - 8.13	1014-30-1
8.89 C-C	8.13 - 9.40	1014-31-1
10.16 C-C	9.40 - 10.67	1014-32-1
11.43 C-C	10.67 - 11.94	1014-33-1
12.70 C-C	11.94 - 13.21	1014-34-1
13.97 C-C	13.21 - 14.48	1014-35-1
15.24 C-C	14.48 - 15.75	1014-36-1

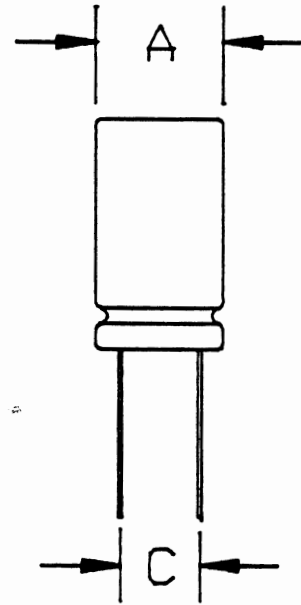
* SHUTTLES 2.54 C-C AND 5.08 C-C ARE AVAILABLE FOR SHORT LEADS.

MEASUREMENTS IN INCHES



CF-10
SHUTTLES
(2 LEADS COMPONENTS)

A = .650 MAX.
B = .575 MIN.*
D = .950 MAX.

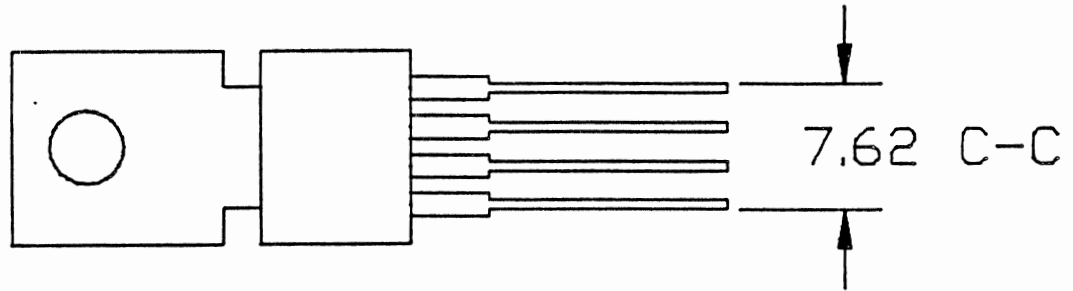


SHUTTLE SIZE	CENTER TO CENTER RANGE	PART NO.
.060 C-C	.050 - .080	1014-37-1
.100 C-C A	.080 - .120	1014-26-1
.100 C-C B (SHORT LEADS)	.080 - .120	1014-38-1
.150 C-C	.120 - .170	1014-28-1
.200 C-C A	.170 - .220	1014-25-1
.200 C-C B (SHORT LEADS)	.170 - .220	1014-27-1
.250 C-C	.220 - .270	1014-29-1
.300 C-C	.270 - .320	1014-30-1
.350 C-C	.320 - .370	1014-31-1
.400 C-C	.370 - .420	1014-32-1
.450 C-C	.420 - .470	1014-33-1
.500 C-C	.470 - .520	1014-34-1
.550 C-C	.520 - .570	1014-35-1
.600 C-C	.570 - .620	1014-36-1

* SHUTTLES .100 C-C AND .200 C-C ARE AVAILABLE FOR SHORT LEADS.

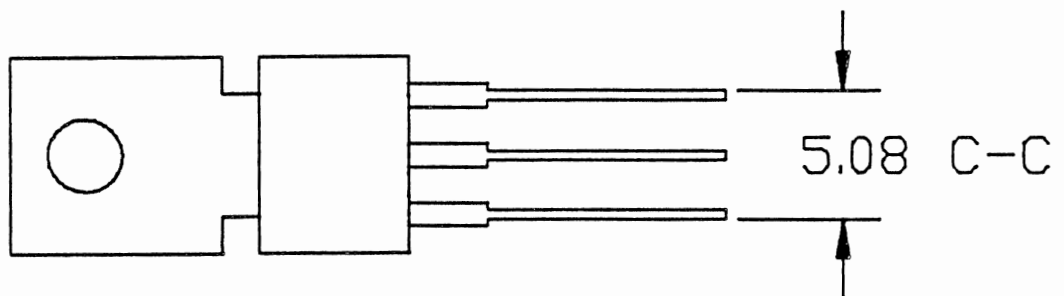
CF-10 SHUTTLES

MEASUREMENTS IN MILLIMETERS
(TO-202, 4 LEADS)



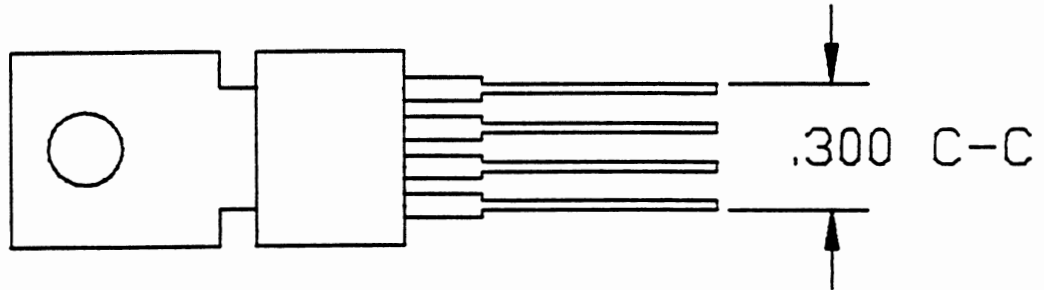
SHUTTLE SIZE	CENTER TO CENTER	PART NO.
TO-202 7.62 C-C	7.62	1013-9-1

(TO-202, 3 LEADS)



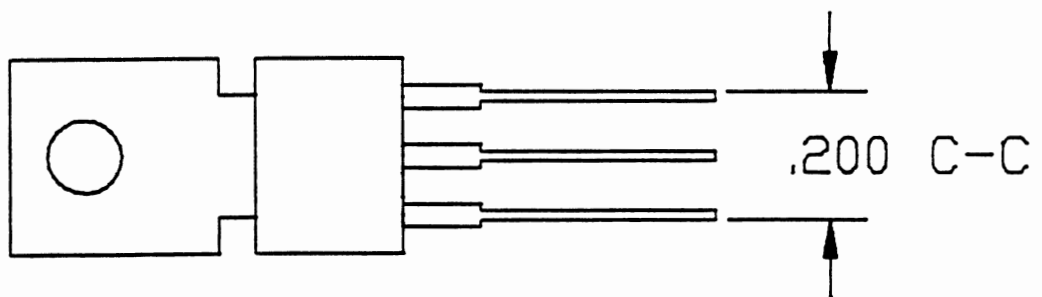
SHUTTLE SIZE	CENTER TO CENTER	PART NO.
TO-202 5.08 C-C	5.08	1013-10-1

CF-10
SHUTTLES
MEASUREMENTS IN INCHES
(TO-202, 4 LEADS)



SHUTTLE SIZE	CENTER TO CENTER	PART NO.
TO-202 .300 C-C	.300	1013-9-1

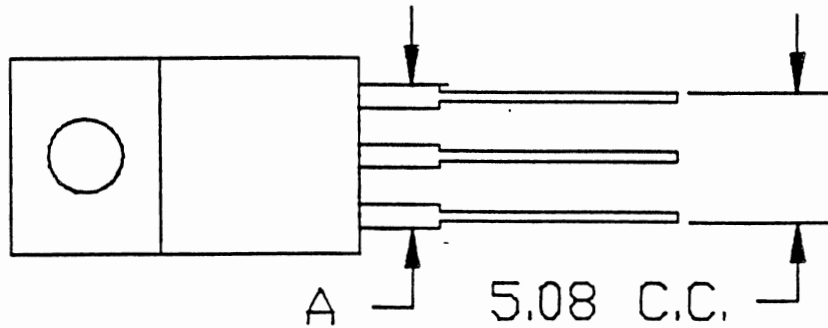
(TO-202, 3 LEADS)



SHUTTLE SIZE	CENTER TO CENTER	PART NO.
TO-202 .200 C-C	.200	1013-10-1

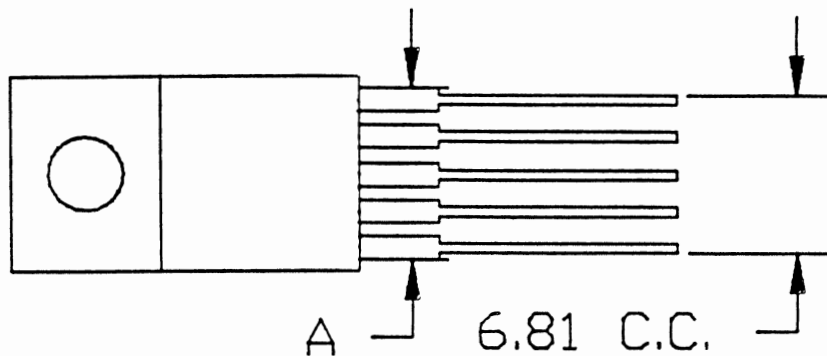
CF-10 SHUTTLES

MEASUREMENTS IN MILLIMETERS
(TO-220, 3 LEADS)



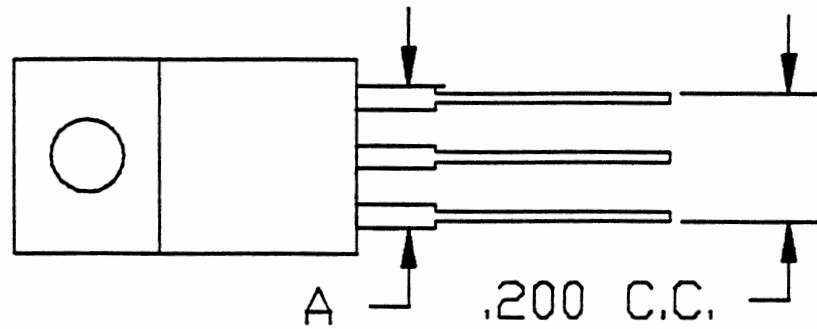
SHUTTLE SIZE	DIMENSION (A) RANGE	PART NO.
TO-220 5.08 C-C	6.35 - 6.48	1013-5-1
TO-220 5.08 C-C A	6.86 - 6.99	1013-7-1
TO-220 5.08 C-C B	5.84 - 5.97	1013-8-1
TO-220 5.08 C-C C	7.49 - 7.62	1013-6-1

(TO-220, 5 LEADS)



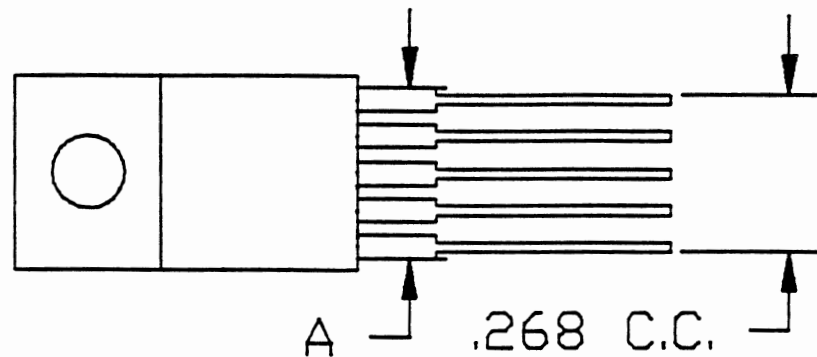
SHUTTLE SIZE	DIMENSION (A)	PART NO.
TO-220 6.81 C-C	7.87	1013-3-1

CF-10
SHUTTLES
MEASUREMENTS IN INCHES
(TQ-220, 3 LEADS)



SHUTTLE SIZE	DIMENSION (A) RANGE	PART NO.
TQ-220 .200 C-C	.250 - .255	1013-5-1
TQ-220 .200 C-C A	.270 - .275	1013-7-1
TQ-220 .200 C-C B	.230 - .235	1013-8-1
TQ-220 .200 C-C C	.295 - .300	1013-6-1

(TQ-220, 5 LEADS)



SHUTTLE SIZE	DIMENSION (A)	PART NO.
TQ-220 .268 C-C	.310	1013-3-1