

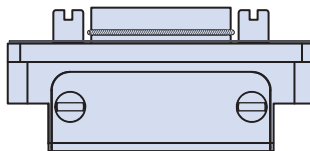
790-037S and 790-042S Right Angle PCB Connectors Plug PCB Hole Patterns



Series 79
90° PCB
Connectors

790-037S and 790-042S Plug Hole Patterns

This section contains printed circuit board footprints for right angle Series 79 plugs. The contact identification numbers are shown for the connector mounting side of the PC board. Contact tails are gold over nickel plated.



CONNECTOR ORIENTATION

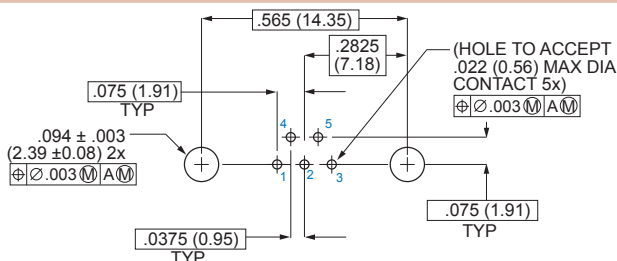
Contact Size	PC Tail Diameter	
	Ø Diameter In.	Ø Diameter mm.
#23	.018-.022	0.46-0.56
#16	.060-.064	1.52-1.63
#12	.092-.096	2.34-2.44

790-037S AND 790-042S PRINTED CIRCUIT BOARD PATTERNS

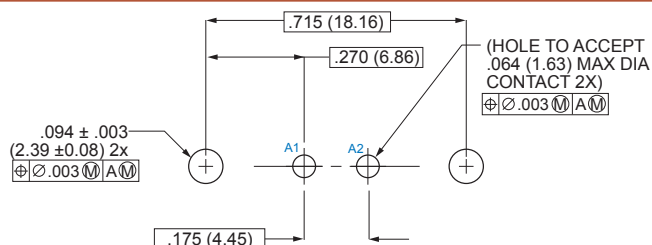
Insert Arr.

Component Mounting Side of PCB
Mating Face of Connector is Toward Top of Page

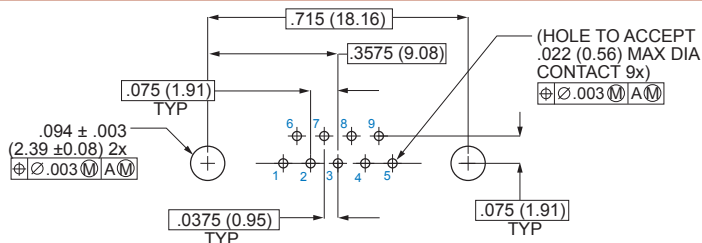
A-5



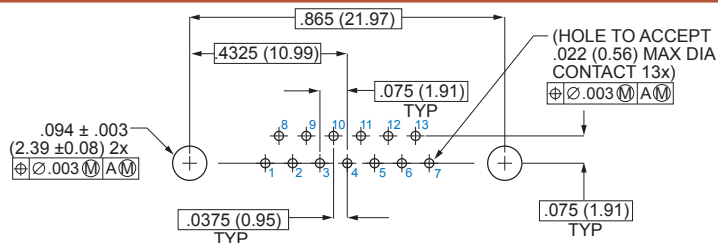
B-2P2



B-9



C-13

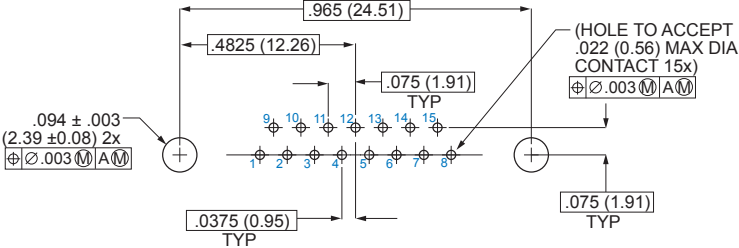
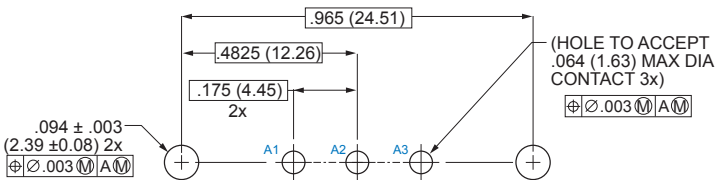
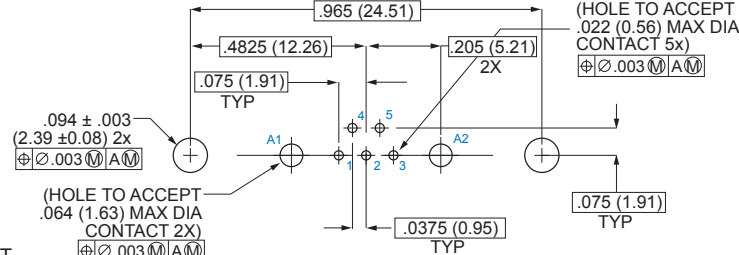
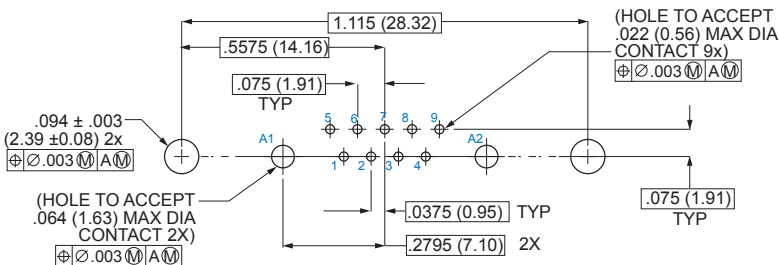
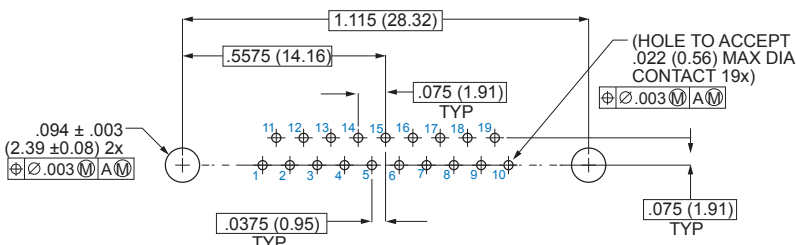


Dimensions in Inches (millimeters) are subject to change without notice.

G

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790-037S AND 790-042S PRINTED CIRCUIT BOARD PATTERNS

Insert Arr.	Component Mounting Side of PCB Mating Face of Connector is Toward Top of Page
D-15	 Diagram showing the PCB pattern for the D-15 connector. Dimensions include: .094 ± .003 (2.39 ± 0.08) 2x, .4825 (12.26), .965 (24.51), .075 (1.91) TYP, .0375 (0.95) TYP, and .075 (1.91) TYP. A note indicates: (HOLE TO ACCEPT .022 (0.56) MAX DIA CONTACT 15x) with a symbol for 15x holes.
D-3P3	 Diagram showing the PCB pattern for the D-3P3 connector. Dimensions include: .094 ± .003 (2.39 ± 0.08) 2x, .4825 (12.26), .965 (24.51), .175 (4.45) 2x, and .075 (1.91) TYP. A note indicates: (HOLE TO ACCEPT .064 (1.63) MAX DIA CONTACT 3x) with a symbol for 3x holes.
D-7P2	 Diagram showing the PCB pattern for the D-7P2 connector. Dimensions include: .094 ± .003 (2.39 ± 0.08) 2x, .4825 (12.26), .965 (24.51), .075 (1.91) TYP, .205 (5.21) 2x, .0375 (0.95) TYP, and .075 (1.91) TYP. A note indicates: (HOLE TO ACCEPT .022 (0.56) MAX DIA CONTACT 5x) with a symbol for 5x holes. Another note indicates: (HOLE TO ACCEPT .064 (1.63) MAX DIA CONTACT 2X) with a symbol for 2x holes.
E-11P2	 Diagram showing the PCB pattern for the E-11P2 connector. Dimensions include: .094 ± .003 (2.39 ± 0.08) 2x, .5575 (14.16), .1115 (28.32), .075 (1.91) TYP, .0375 (0.95) TYP, .2795 (7.10) 2x, and .075 (1.91) TYP. A note indicates: (HOLE TO ACCEPT .022 (0.56) MAX DIA CONTACT 9x) with a symbol for 9x holes. Another note indicates: (HOLE TO ACCEPT .064 (1.63) MAX DIA CONTACT 2X) with a symbol for 2x holes.
E-19	 Diagram showing the PCB pattern for the E-19 connector. Dimensions include: .094 ± .003 (2.39 ± 0.08) 2x, .5575 (14.16), .1115 (28.32), .075 (1.91) TYP, .0375 (0.95) TYP, and .075 (1.91) TYP. A note indicates: (HOLE TO ACCEPT .022 (0.56) MAX DIA CONTACT 19x) with a symbol for 19x holes.

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Insert Arr.	Component Mounting Side of PCB Mating Face of Connector is Toward Top of Page
E-7P3	
F-15P2	
F-23	
F-5P5	
G-33	

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Insert Arr.	Component Mounting Side of PCB Mating Face of Connector is Toward Top of Page
H-10P4	
H-29P7	
H-36P2	
H-54P2	
H-5P5	

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Insert Arr.	Component Mounting Side of PCB Mating Face of Connector is Toward Top of Page
H-66	
J-17P4	
J-25P2	
J-33	
J-7P7	
K-27P4	

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Insert Arr.	Component Mounting Side of PCB Mating Face of Connector is Toward Top of Page
K-35P2	
K-43	
K-9P9	
L-6P6	
L-78	
M-102	

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