

MICRO-CRIMP RECTANGULAR CONNECTORS

Series 791 Scoop-Proof



Panel Cutouts, 791 Series, Rear Panel Jackpost Mounting

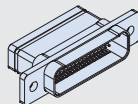
PANEL CUTOUT FOR SERIES 791 CABLE CONNECTORS AND PCB CONNECTORS

This panel cutout fits Series 791 cable connectors and PCB connectors with rear panel mount female jackposts. **Install PCB connector jackposts with threadlocking compound.**

This panel cutout is compatible with:

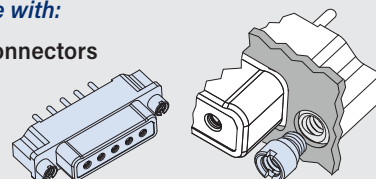
Cable Connectors

791-001
791-002
791-003
791-004



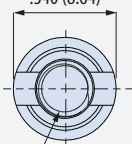
PCB Connectors

791-013
791-014
791-016
791-032



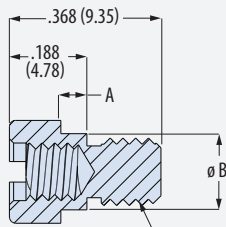
PCB CONNECTOR REAR PANEL JACKPOST R1-R6 PART NO. 799-145

SIZE A-G, J, K
.240 (6.10)
SIZE H, L
.325 (8.26)
SIZE M
.340 (8.64)
SIZE N
.340 (8.64)



THREAD

SIZE A-G, J, K
4-40 UNC-2B
SIZE H, L
6-32 UNC-2B
SIZE M
8-32 UNC-2B
SIZE N
10-32 UNF-2B



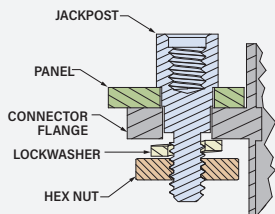
THREAD

SIZE A-G, J, K
6-32 UNC-2A
SIZE H, L
8-32 UNC-2A
SIZE M
10-32 UNF-2A
SIZE N
12-24 UNC-2A

Code	A ± .010 (0.25)		ø B ± .010 (0.25)	
	in	mm		
R1	.032	0.81	Size A-G, J, K .185 (4.70) Size H, L .226 (5.74) Size M .252 (6.40) Size N .262 (6.65)	
R2	.050	1.27		
R3	.062	1.59		
R4	.080	2.03		
R5	.093	2.36		
R6	.125	3.18		

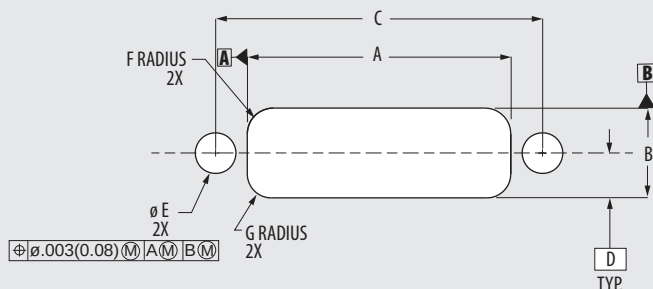
CABLE CONNECTOR REAR PANEL JACKPOST

JACKPOSTS ARE ORDERED SEPARATELY



Shell Size	Part Number
A - L	799-117*
M	799-176*

*See Section F Accessories for complete part numbers and dimensions



									ø E ± .002 (0.05)									
Shell Size	A ± .002 (0.05)		B ± .002 (0.05)		C Basic		D		Cable Connector		PCB Connector		F ± .002 (0.05)		G ± .002 (0.05)			
	in	mm	in	mm	in	mm	in	mm	in	mm	in	mm	in	mm	in	mm		
A	.505	12.83	.418	10.62	.750	19.05	.199	5.05	.165	4.19	.190	4.83	.110	2.79	.164	4.17		
B	.655	16.64	.418	10.62	.900	22.86	.199	5.05	.165	4.19	.190	4.83	.110	2.79	.164	4.17		
C	.805	20.45	.418	10.62	1.050	26.67	.199	5.05	.165	4.19	.190	4.83	.110	2.79	.164	4.17		
D	.880	22.35	.418	10.62	1.125	28.58	.199	5.05	.165	4.19	.190	4.83	.110	2.79	.164	4.17		
E	1.030	26.16	.418	10.62	1.275	32.39	.199	5.05	.165	4.19	.190	4.83	.110	2.79	.164	4.17		
F	1.180	29.97	.418	10.62	1.425	36.20	.199	5.05	.165	4.19	.190	4.83	.110	2.79	.164	4.17		
G	1.142	29.01	.506	12.85	1.388	35.26	.244	6.20	.165	4.19	.190	4.83	.110	2.79	.164	4.17		
H	1.531	38.89	.521	13.23	1.900	48.26	.250	6.35	.220	5.59	.236	5.99	.150	3.81	.139	3.53		
J	1.555	39.50	.418	10.62	1.800	45.72	.199	5.05	.165	4.19	.190	4.83	.110	2.79	.164	4.17		
K	1.930	49.02	.418	10.62	2.175	55.25	.199	5.05	.165	4.19	.190	4.83	.110	2.79	.164	4.17		
L	1.767	44.88	.521	13.23	2.136	54.25	.250	6.35	.220	5.59	.236	5.99	.150	3.81	.139	3.53		
M	1.850	46.99	.623	15.82	2.200	55.88	.290	7.37	.220	5.59	.262	6.65	.163	4.14	.153	3.89		
N	2.244	57.00	.708	17.98	2.600	66.04	.332	8.43	.278	7.06	.280	7.11	.163	4.14	.153	3.89		

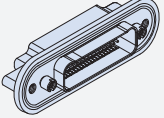
Panel Cutout, 791 Panel Mount Connectors

PANEL CUTOUT FOR SERIES 791 PANEL MOUNT CONNECTORS

This cutout is compatible with:

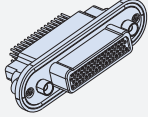
Panel Mount Connectors

791-019
791-020



Panel Mount PCB Connectors

791-011
791-012
791-021
791-033



⊕ .003(0.08) (M) (A) (M) (B) (M)

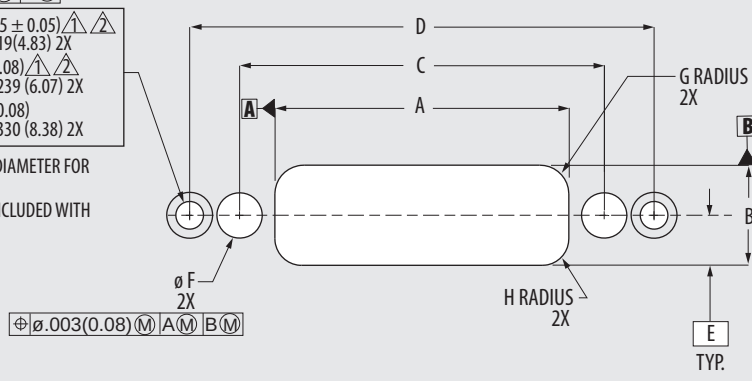
SIZE A - G, J, K: $\phi .120 \pm .002$ (3.05 $\pm$ 0.05) Δ Δ
C-SINK 82° @ $\phi .19$ (4.83) 2X

SIZE H, L: $\phi .144 \pm .003$ (3.66 $\pm$ 0.08) Δ Δ
C-SINK 82° @ $\phi .239$ (6.07) 2X

SIZE M, N: $\phi .172 \pm .003$ (4.37 $\pm$ 0.08)
C-SINK 82° @ $\phi .330$ (8.38) 2X

Δ NON-STANDARD UNDERSIZED DIAMETER FOR FLATHEAD SCREW.

Δ TWO FLATHEAD SCREWS ARE INCLUDED WITH CONNECTOR



⊕ .003(0.08) (M) (A) (M) (B) (M)

⊕ F
2X

H RADIUS 2X

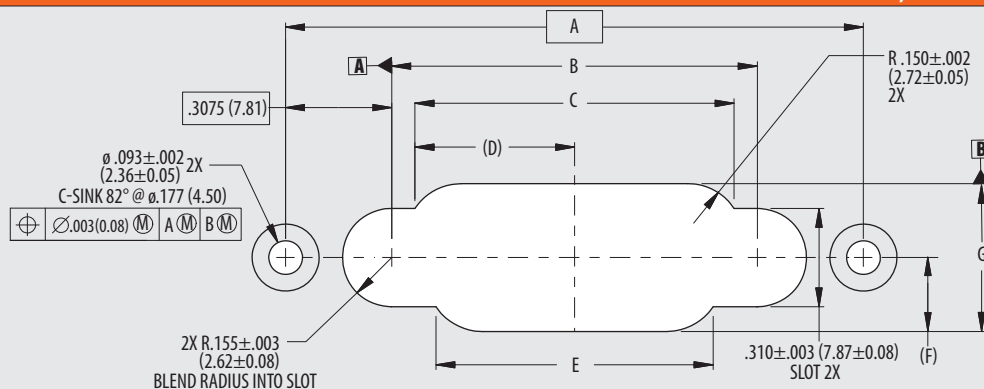
G RADIUS 2X

E
TYP.

Shell Size	± .002 (0.05)		± .002 (0.05)		Basic		Basic		E Typ		± .002 (0.05)		± .002 (0.05)		± .002 (0.05)	
	in	mm	in	mm	in	mm	in	mm	in	mm	in	mm	in	mm	in	mm
A	.505	12.83	.418	10.62	.750	19.05	1.150	29.21	.199	5.05	.210	5.33	.110	2.79	.164	4.17
B	.655	16.64	.418	10.62	.900	22.86	1.300	33.02	.199	5.05	.210	5.33	.110	2.79	.164	4.17
C	.805	20.45	.418	10.62	1.050	26.67	1.450	36.83	.199	5.05	.210	5.33	.110	2.79	.164	4.17
D	.880	22.35	.418	10.62	1.125	28.58	1.525	38.74	.199	5.05	.210	5.33	.110	2.79	.164	4.17
E	1.030	26.16	.418	10.62	1.275	32.39	1.675	42.55	.199	5.05	.210	5.33	.110	2.79	.164	4.17
F	1.180	29.97	.418	10.62	1.425	36.20	1.825	46.36	.199	5.05	.210	5.33	.110	2.79	.164	4.17
G	1.142	29.01	.506	12.85	1.388	35.26	1.785	45.34	.244	6.20	.210	5.33	.110	2.79	.164	4.17
H	1.531	38.89	.521	13.23	1.900	48.26	2.375	60.33	.250	6.35	.236	5.99	.150	3.81	.139	3.53
J	1.555	39.50	.418	10.62	1.800	45.72	2.200	55.88	.199	5.05	.210	5.33	.110	2.79	.164	4.17
K	1.930	49.02	.418	10.62	2.175	55.25	2.575	65.41	.199	5.05	.210	5.33	.110	2.79	.164	4.17
L	1.767	44.88	.521	13.23	2.136	54.25	2.611	66.32	.250	6.35	.236	5.99	.150	3.81	.139	3.53
M	1.850	46.99	.623	15.82	2.200	55.88	2.824	71.73	.290	7.37	.262	6.65	.163	4.14	.153	3.89
N	2.244	57.00	.708	17.98	2.600	66.04	3.240	82.30	.332	8.43	.295	7.49	.163	4.14	.153	3.89

Panel Cutouts, 791 Series, Float Mounting

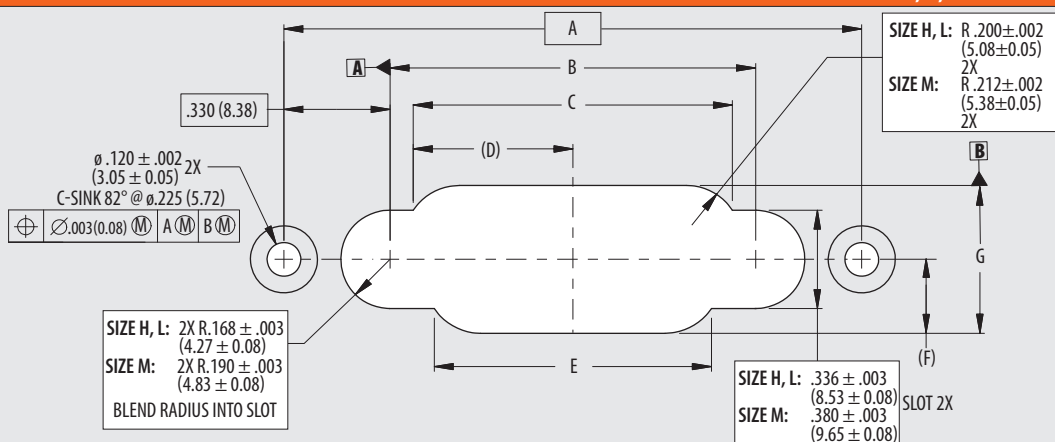
PANEL CUTOUT FOR SERIES 791-017P AND 791-018S FLOAT MOUNT CONNECTOR SIZES A-G, J AND K



PANEL CUTOUT FOR 791-017P AND 791-018S FLOAT MOUNT CONNECTORS
SHELL SIZE A-G, J, AND K

Shell Size	A Basic		B ± .002 (0.05)		C		D		E		F		G ± .002 (0.05)	
	in	mm	in	mm	in	mm	in	mm	in	mm	in	mm	in	mm
A	1.365	34.67	.750	19.05	.571	14.50	.2855	7.25	.507	12.88	.239	6.07	.498	12.65
B	1.515	38.48	.900	22.86	.721	18.31	.3605	9.16	.657	16.69	.239	6.07	.498	12.65
C	1.665	42.29	1.050	26.67	.871	22.12	.4355	11.06	.807	20.50	.239	6.07	.498	12.65
D	1.740	44.20	1.125	28.58	.946	24.03	.473	12.01	.882	22.40	.239	6.07	.498	12.65
E	1.890	48.01	1.275	32.39	1.096	27.84	.548	13.92	1.032	26.21	.239	6.07	.498	12.65
F	2.040	51.82	1.425	36.20	1.246	31.65	.623	15.82	1.182	30.02	.239	6.07	.498	12.65
G	2.003	50.88	1.388	35.26	1.223	31.06	.6115	15.53	1.194	30.33	.283	7.19	.586	14.88
J	2.415	61.34	1.800	45.72	1.621	41.17	.8105	20.59	1.557	39.55	.239	6.07	.498	12.65
K	2.790	70.87	2.175	55.25	1.996	50.70	.998	25.35	1.932	49.07	.239	6.07	.498	12.65

PANEL CUTOUT FOR SERIES 791-017P AND 791-018S FLOAT MOUNT CONNECTOR SIZES H, L, AND M



PANEL CUTOUT FOR 791-017P AND 791-018S FLOAT MOUNT CONNECTORS
SHELL SIZE H, L, M

Shell Size	A Basic		B ± .002 (0.05)		C		D		E		F		G ± .002 (0.05)	
	in	mm	in	mm	in	mm	in	mm	in	mm	in	mm	in	mm
H	2.560	65.02	1.900	48.26	1.617	41.07	.8085	20.54	1.610	40.89	.300	7.62	.620	15.75
L	2.796	71.02	2.136	54.25	1.853	47.07	.9265	23.53	1.846	46.89	.300	7.62	.620	15.75
M	2.940	74.68	2.200	55.88	1.948	49.48	.974	24.74	1.935	49.15	.340	8.64	.723	18.36