



Shorting Plug Assembly 177-007



Shorting Plug Assemblies are Micro-D connectors with all contacts bussed/shorted together. Enclosed in a backshell and fitted with jackscrews, these shorting plugs provide ESD protection to sensitive instrumentation.

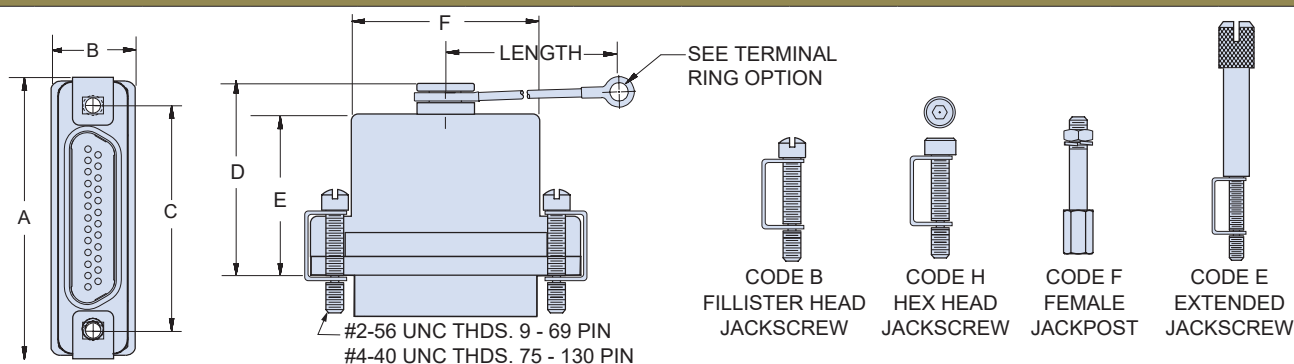
Materials & Finishes

Shells	Aluminum Alloy 6061-T6 or Stainless Steel 300 series, passivated; See ordering info for plating options
Contacts	Gold-Plated Copper Alloy
Encapsulant	Epoxy
Insulators	Glass-Filled LCP or PPS
Interfacial Seal	Fluorosilicone
Hardware	300 Series Stainless Steel, Passivated

How To Order Shorting Plugs

Sample Part Number	177-007	-25	S	2	H	F	6	-06
Series	177-007							
Connector Size	9, 15, 21, 25, 31, 37, 51, 51-2, 67, 69, 75, 100, 130	(Table I)						
Contact Type	P - Pin S - Socket							
Material / Finish	1 - Alum / Cadmium 4 - Alum / Black Anodize	2 - Alum / Electroless Nickel 5 - Alum / Gold	3 - SST / Passivated 6 - Alum / Chem Film					
Hardware Option	B - Fillister Head Jackscrew E - Extended Jackscrew	H - Hex Head Jackscrew F - Jackpost, Female N - No Hardware						
Lanyard Option	N - No Lanyard F - Wire Rope, Nylon Jacket	G - Flexible Nylon Rope H - Wire Rope, Fluoropolymer Jacket	R - Wire Rope, PVC Jacket T - Wire Rope, No Jacket					
Lanyard Length	Length in One Inch Increments; Example: "6" equals six inches.							
Ring Terminal Ordering Code	01 - .140 (3.6)	02 - .182 (4.6)	03 - .191 (4.8)	04 - .197 (5.0)	05 - .167 (4.2)	06 - .125 (3.2)	I.D. of Ring Terminal	

Table I: Dimensions



Size	A Max.		B Max.		C		D Max.		E Max.		F Max.	
	In.	mm.	In.	mm.	In.	mm.	In.	mm.	In.	mm.	In.	mm.
9	.850	21.59	.370	9.40	.565	14.35	.600	15.24	.450	11.43	.410	10.41
15	1.000	25.40	.370	9.40	.715	18.16	.720	18.29	.570	14.48	.580	14.73
21	1.150	29.21	.370	9.40	.865	21.97	.840	21.34	.690	17.53	.740	18.80
25	1.250	31.75	.370	9.40	.965	24.51	.900	22.86	.750	19.05	.850	21.59
31	1.400	35.56	.370	9.40	1.115	28.32	.960	24.38	.810	20.57	.980	24.89
37	1.550	39.37	.370	9.40	1.265	32.13	1.000	25.40	.850	21.59	1.130	28.70
51	1.500	38.10	.410	10.41	1.215	30.86	1.030	26.16	.880	22.35	1.080	27.43
51-2	1.910	48.51	.370	9.40	1.615	41.02	1.030	26.16	.880	22.35	1.510	38.35
67	2.310	58.67	.370	9.40	2.015	51.18	1.030	26.16	.880	22.35	1.880	47.75
69	1.810	45.97	.410	10.41	1.515	38.48	1.030	26.16	.880	22.35	1.380	35.02
75	2.145	54.48	.410	10.41	1.705	43.31	1.090	27.69	.940	23.88	1.345	34.16
100	2.235	56.77	.460	11.68	1.800	45.72	1.090	27.69	.940	23.88	1.470	37.34
130	2.585	65.66	.460	11.68	2.150	54.61	1.090	27.69	.940	23.88	1.790	45.46