



# Shorting Plug Assembly 177-007

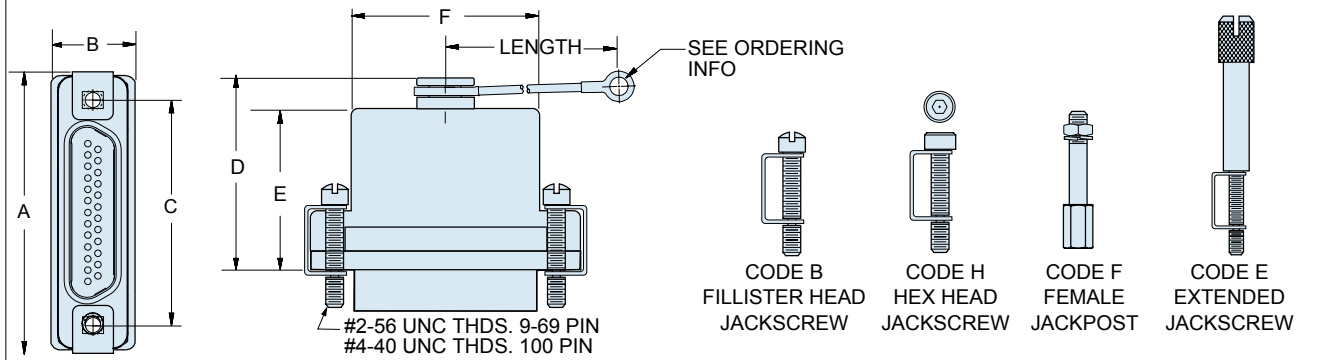


**Shorting Plug Assemblies** are Micro-D connectors with all contacts bussed/shorted together. Enclosed in a backshell and fitted with jackscrews, these shorting plugs provide ESD protection to sensitive instrumentation.

Materials & Finishes	
Shells	Aluminum Alloy 6061 -T6
Contacts	Gold-Plated Copper Alloy
Encapsulant	Epoxy
Insulators	Glass-Filled LCP
Interfacial Seal	Fluorosilicone
Hardware	300 Series Stainless Steel, Passivated

How To Order Shorting Plugs	
<b>Sample Part Number</b>	<b>177-007 -25 S 2 H F 6 -06</b>
<b>Series</b>	<b>177-007</b>
<b>Connector Size</b>	<b>9, 15, 21, 25, 31, 37, 51, 51-2, 67, 69, 100</b> (Table I)
<b>Contact Type</b>	<b>P</b> - Pin <b>S</b> - Socket
<b>Shell Finish</b>	<b>1</b> - Cadmium, Yellow Chromate <b>2</b> - Electroless Nickel <b>4</b> - Black Anodize <b>5</b> - Gold <b>6</b> - Chem Film
<b>Hardware Option</b>	<b>B</b> - Fillister Head Jackscrew <b>H</b> - Hex Head Jackscrew <b>E</b> - Extended Jackscrew <b>F</b> - Jackpost, Female <b>N</b> - No Hardware
<b>Lanyard Option</b>	<b>N</b> - No Lanyard <b>G</b> - Flexible Nylon Rope <b>F</b> - Wire Rope, Nylon Jacket <b>H</b> - Wire Rope, Teflon Jacket
<b>Lanyard Length</b>	Length in One Inch Increments; Example: "6" equals six inches.
<b>Ring Terminal Ordering Code</b>	<b>01</b> - .140 (3.6) <b>04</b> - .197 (5.0) <b>05</b> - .167 (4.2) <b>06</b> - .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.
<b>9</b>	.850	21.59	.370	9.40	.565	14.35	.600	15.24	.450	11.43	.410	10.41
<b>15</b>	1.000	25.40	.370	9.40	.715	18.16	.720	18.29	.570	14.48	.580	14.73
<b>21</b>	1.150	29.21	.370	9.40	.865	21.97	.840	21.34	.690	17.53	.740	18.80
<b>25</b>	1.250	31.75	.370	9.40	.965	24.51	.900	22.86	.750	19.05	.850	21.59
<b>31</b>	1.400	35.56	.370	9.40	1.115	28.32	.960	24.38	.810	20.57	.980	24.89
<b>37</b>	1.550	39.37	.370	9.40	1.265	32.13	1.000	25.40	.850	21.59	1.130	28.70
<b>51</b>	1.500	38.10	.410	10.41	1.215	30.86	1.030	26.16	.880	22.35	1.080	27.43
<b>51-2</b>	1.910	48.51	.370	9.40	1.615	41.02	1.030	26.16	.880	22.35	1.510	38.35
<b>67</b>	2.310	58.67	.370	9.40	2.015	51.18	1.030	26.16	.880	22.35	1.880	47.75
<b>69</b>	1.810	45.97	.410	10.41	1.515	38.48	1.030	26.16	.880	22.35	1.380	35.02
<b>100</b>	2.235	56.77	.460	11.68	1.800	45.72	1.090	27.69	.940	23.88	1.470	37.34

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