



500T011, 500S011, 500E011 Top, Side, and 45° Entry EMI/RFI Shield Sock Backshell Round Cable Entry



Shield Sock Backshells save assembly time. These backshells are terminated to tinned copper braid in whatever length you require.

Available in Top, 45° and Side Entry, these backshells feature one piece construction and are available in a variety of plating finishes.

Precision Swaged Braid Termination adds mechanical strength and lowers resistance compared to hex crimps.

How To Order Shield Sock EMI/RFI Backshells

Sample Part Number				500T011	M	25	H	08	-12									
Series	500T011 - Top Entry (See Table I)				500S011 - Side Entry					500E011 - 45° Entry								
Shell Finish	E – Chem Film (Alodyne) M – Electroless Nickel				J – Cadmium, Yellow Chromate NF – Cadmium, Olive Drab					Z2 – Gold								
Connector Size	09, 15, 21, 25, 31, 37, 51, 51-2, 67, 69, 100 (See Table III)																	
Hardware Option	B - Fillister Head Jackscrew E - Extended Jackscrew				H - Hex Head Jackscrew F - Jackpost, Female (See Table II)													
Cable Entry Code	04 - .125 (3.2)		05 - .156 (4.0)		06 - .188 (4.8)		07 - .219 (5.6)		08 - .250 (6.4)		09 - .281 (7.1)		10 - .312 (7.9)		11 - .344 (8.7)		12 - .375 (9.5)	
	See Table IV																	
	Maximum Cable Entry Diameter per Shell Size and Style																	
	Size		T Top Entry		E 45° Entry		S Side Entry											
	9		08		08		09											
	15		08		08		12											
	21		08		08		12											
	25		08		08		12											
	31		09		09		12											
	37		09		09		12											
	51		10		10		12											
	51-2		09		09		12											
	67		09		09		12											
	69		10		10		12											
100		12		12		12												
Length of Braid	Length in One Inch Increments - Example: “12” equals twelve inches.																	

Table I: Entry Styles

500T011 Top Entry	500S011 Side Entry	500E011 45° Entry

Material and Finish

- Shell: Aluminum Alloy 6061 -T6 Per QQ-A-200, QQ-A-225 (Machined Components)
Aluminum Alloy 6061-T6 Per QQ-A-591 (A380) (Die-Cast Components)
- Braid: Tinned Copper Braid Per QQ-B-575 ASTM B33, #36 AWG Strands, 90% Coverage
- Crimp Ring: Copper, Tin Plated
- Clips, E-Rings: 17-7PH Stainless Steel
- Jackscrews, Washers, Jackposts: 300 Series Stainless Steel, Passivated

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Round Cable Entry



Table II: Hardware Options

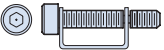
			
B - Fillister Head Jackscrew	H - Hex Head Jackscrew	E - Extended Jackscrew (Not for 45° Entry)	F - Jackpost, Female

Table III: Dimensions

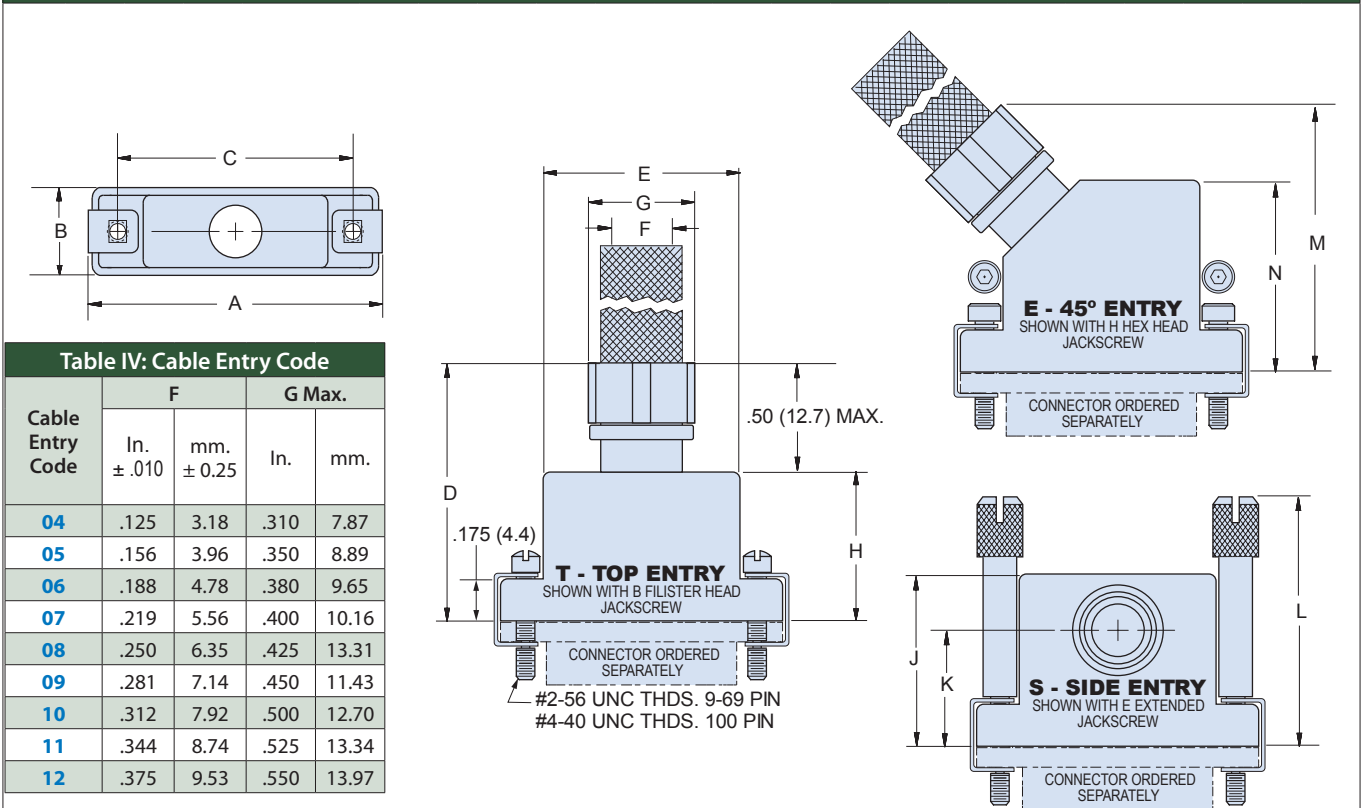


Table IV: Cable Entry Code

Cable Entry Code	F		G Max.	
	In. ± .010	mm. ± 0.25	In.	mm.
04	.125	3.18	.310	7.87
05	.156	3.96	.350	8.89
06	.188	4.78	.380	9.65
07	.219	5.56	.400	10.16
08	.250	6.35	.425	13.31
09	.281	7.14	.450	11.43
10	.312	7.92	.500	12.70
11	.344	8.74	.525	13.34
12	.375	9.53	.550	13.97

Size	A Max.		B Max.		C		D Max.		E Max.		H Max.		J Max.		K		L Max.		M Max.		N Max.	
	In.	mm.	In.	mm.	In.	mm.	In.	mm.	In.	mm.	In.	mm.	In.	mm.	In.	mm.	In.	mm.	In.	mm.	In.	mm.
09	.850	21.59	.370	9.40	.565	14.35	.780	19.81	.410	10.41	.350	8.89	.637	16.18	.435	11.05	1.040	26.42	1.000	25.40	.680	17.27
15	1.000	25.40	.370	9.40	.715	18.16	.910	23.11	.580	14.73	.470	11.94	.673	17.09	.440	11.20	1.170	29.72	1.030	26.16	.730	18.54
21	1.150	29.21	.370	9.40	.865	21.97	1.030	26.16	.740	18.80	.590	14.99	.707	17.95	.458	11.63	1.290	32.77	1.050	26.67	.765	19.43
25	1.250	31.75	.370	9.40	.965	24.51	1.090	27.69	.850	21.59	.650	16.51	.748	19.00	.483	12.27	1.350	34.29	1.090	27.69	.830	21.08
31	1.400	35.56	.370	9.40	1.115	28.32	1.150	29.21	.980	24.89	.710	18.03	.756	19.20	.476	12.09	1.420	36.07	1.130	28.70	.890	22.61
37	1.550	39.37	.370	9.40	1.265	32.13	1.190	30.23	1.130	28.70	.750	19.05	.774	19.66	.478	12.14	1.450	36.83	1.230	31.24	.955	24.26
51	1.500	38.10	.410	10.41	1.215	30.86	1.220	30.99	1.080	27.43	.780	19.81	.859	21.82	.548	13.91	1.480	37.59	1.250	31.75	1.005	25.53
51-2	1.910	48.51	.370	9.40	1.615	41.02	1.220	30.99	1.510	38.35	.780	19.81	.859	21.82	.548	13.91	1.480	37.59	1.250	31.75	1.005	25.53
67	2.310	58.67	.370	9.40	2.015	51.18	1.220	30.99	1.880	47.75	.780	19.81	.859	21.82	.548	13.91	1.480	37.59	1.250	31.75	1.005	25.53
69	1.810	45.97	.410	10.41	1.515	38.48	1.220	30.99	1.380	35.05	.780	19.81	.859	21.82	.548	13.91	1.480	37.59	1.250	31.75	1.005	25.53
100	2.235	56.77	.460	11.68	1.800	45.72	1.280	32.51	1.470	37.34	.840	21.34	1.014	25.76	.687	17.45	1.580	40.13	1.320	33.53	1.080	27.43