Series 38 EMI Backshells

for Series 80 Mighty Mouse Connectors

380MS135 EMI Backshell, Direct Coupling

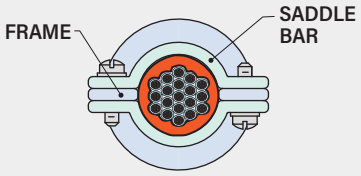
EMI. Low profile. Direct coupling. Non-environmental. 380MS135 backshell fits Glenair Series 80 Mighty Mouse connectors. For use with shielded cable. Fold cable braid over ground ring. Full radius saddle clamp has stainless steel screws and lockwashers. Available in aluminum or stainless steel.

Adapter Code M

This accessory fits Series 80 Mighty Mouse Connectors

APPLICATION NOTE

This backshell has a ***full radius*** saddle clamp. This type of strain relief is designed to be fully bottomed onto the frame. Build up cable diameter with tape or sleeve to meet the diameter of the fully closed clamp. See E dimension in Table 2 for the diameter of the fully bottomed saddles.



FULL RADIUS SADDLE CLAMP

SADDLE BARS SHOULD BE FULLY BOTTOMED ONTO FRAME.

PART NUMBER

	380MS135	M	05	02	-6

Base P/N	**380MS135**
Material/Finish	**M** Alum/Electroless Nickel **MT** Alum/Nickel-PTFE **NF** Alum/Olive Drab Cadmium **ZR** Alum/Black Zinc-Nickel **TZ** Alum/Tin-Zinc **Z1** SST/Passivated
Shell Size	*See Table 1*
Entry Size	*See Table 2*

Length

Length Code	Length	Length Code	Length
5	.63 (16.0)	10	1.25 (31.8)
6	.75 (19.1)	12	1.50 (38.1)
8	1.00 (25.4)	16	2.00 (50.8)

Length in ⅛ inch increments.

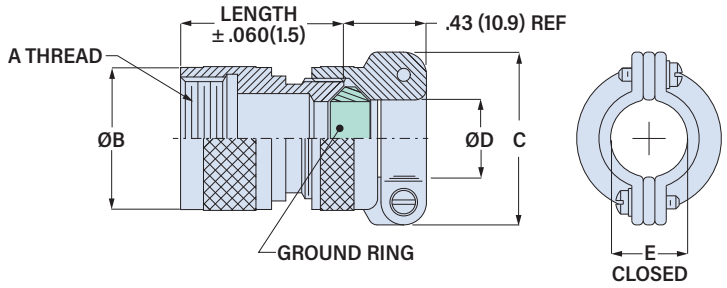


TABLE 1: SHELL SIZE

Shell Size Code	Shell Size Series 800, 801, 803, 804	Shell Size Series 805	A Thread UNEF-2B	øB Max. in	øB Max. mm
05	5	N/A	0.250-32	.350	8.9
06	6	N/A	0.3125-32	.415	10.5
11	N/A	8	0.3750-32	.465	11.8
07	7	9	0.4375-28	.530	13.5
08	8	10	0.500-28	.595	15.1
09	9	11	0.5625-24	.650	16.5
10	10	12	0.625-24	.715	18.2
12	11, 12, 13	13	0.6875-24	.785	19.9
13	N/A	15	0.750-20	.830	21.1
14	14, 15, 16, 17	18, 19	0.9375-20	1.020	25.9
16	19	21	1.0625-18	1.155	29.3
17	21	23	1.1875-18	1.280	32.5

TABLE 2: ENTRY SIZE

Entry Size	C ± .015 (0.4) in	C ± .015 (0.4) mm	øD ± .015 (0.4) in	øD ± .015 (0.4) mm	øE Closed ± .03 (0.8) in	øE Closed ± .03 (0.8) mm
01	.496	12.6	.119	3.0	.11	2.8
02	.582	14.8	.182	4.6	.17	4.3
03	.656	16.7	.244	6.2	.23	5.8
04	.726	18.4	.307	7.8	.30	7.6
05	.885	22.5	.369	9.4	.36	9.1
06	.952	24.2	.432	11.0	.42	10.7
07	1.018	25.9	.494	12.5	.48	12.2
08	1.084	27.5	.557	14.1	.55	14.0
09	1.148	29.2	.619	15.7	.61	15.5
10	1.211	30.8	.682	17.3	.67	17.0
11	1.273	32.3	.744	18.9	.73	18.5
12	1.400	35.6	.869	22.1	.86	21.8
13	1.539	39.1	1.010	25.7	.99	25.1

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