Series 39 EMI+Environmental Backshells

for Series 80 Mighty Mouse Connectors

390MS076 EMI+Environmental Backshell, Direct Coupling

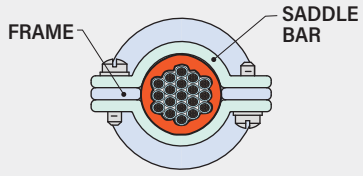
EMI. Low profile. Direct coupling. Environmental. 390MS076 backshell fits Glenair Series 80 Mighty Mouse connectors. Terminate cable braid with ground ring. Strain relief options include saddle clamp or nut. Full radius saddle clamp has stainless steel screws and lockwashers. Available in aluminum or 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 closed. Saddle bars should be bottomed onto frame. Build up cable diameter with tape or sleeve to meet the diameter of the fully closed clamp.



FULL RADIUS SADDLE CLAMP
SADDLE BARS SHOULD BE FULLY BOTTOMED ONTO FRAME.

PART NUMBER

	390MS076	M	08	05	-6

Base P/N — 390MS076

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 1/8 inch increments. For example, "8" = 1 inch.

Strain Relief

Omit for saddle clamp
N Low Profile Nut

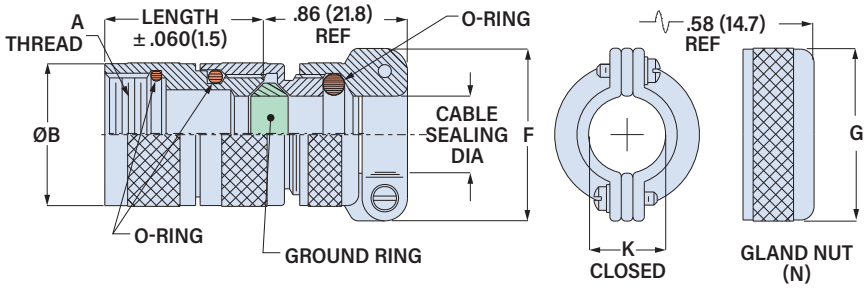


TABLE 1: SHELL SIZE

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	Cable Sealing Dia. Min. in	Cable Sealing Dia. Min. mm	Cable Sealing Dia. Max. in	Cable Sealing Dia. Max. mm	F ± .015 (0.4) in	F ± .015 (0.4) mm	øG ± .015 (0.4) in	øG ± .015 (0.4) mm	øK Closed ± .03 (0.8) in	øK Closed ± .03 (0.8) mm
01	.031	0.8	.109	2.8	.496	12.6	.398	10.1	.11	2.8
02	.078	2.0	.172	4.4	.582	14.8	.460	11.7	.17	4.3
03	.140	3.6	.234	5.9	.656	16.7	.523	13.3	.23	5.8
04	.203	5.2	.297	7.5	.726	18.4	.585	14.9	.30	7.6
05	.265	6.7	.359	9.1	.885	22.5	.647	16.4	.36	9.1
06	.328	8.3	.422	10.7	.952	24.2	.710	18.0	.42	10.7
07	.390	9.9	.484	12.3	1.018	25.9	.773	19.6	.48	12.2
08	.453	11.5	.547	13.9	1.084	27.5	.835	21.2	.55	14.0
09	.515	13.1	.609	15.5	1.148	29.2	.897	22.8	.61	15.5
10	.578	14.7	.672	17.1	1.211	30.8	.959	24.4	.67	17.0
11	.640	16.3	.734	18.6	1.273	32.3	1.021	25.9	.73	18.5
12	.765	19.4	.859	21.8	1.400	35.6	1.083	27.5	.86	21.8
13	.906	23.0	1.000	25.4	1.539	39.1	1.145	29.1	.99	25.1

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

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390MS076M0904-12 390MS076MT0804-8 390MS076ZNU0706-16N 390MS076MT0805-8 390MS076M1105-8 390MS076M1103-5N 390MS076Z10607-5 390MS076NF1412-6N 390MS076MT1408-8 390MS076Z10706-6