



# Series 44 Banding Backshells

for Series 80 Mighty Mouse Connectors

## 440M\*233 Banding Backshell, Shrink Boot, Expanded Clearance



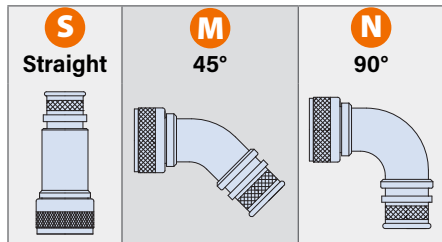
**Self-Locking**

**Prevents splaying of size 8 twinax, quadrax and octaxial contacts. Band-Master ATS® shield termination.** 440M\*233 banding backshell fits Series 80 Mighty Mouse with size 8 contacts. Backshell has increased clearance for sealing boots used with size 8 contacts. 45° and 90° profiles have large radius elbows for minimized wire bending. Anti-decoupling mechanism provides audible detented coupling and prevents backoff under high vibration. Terminate cable braid shield to backshell with optional band strap. Optional shrink boot adds strain relief and environmental protection. Aluminum version has thermoplastic detent spring, stainless steel version has stainless steel detent spring. Silicone O-ring.

**Adapter Code M**

This accessory fits Series 80 Mighty Mouse Connectors

### PROFILE SELECTION GUIDE



**TABLE 1: SHELL SIZE**

Shell Size Code	Shell Size		Max Entry Size
	Series 800, 801, 803, 804	Series 805	
11	N/A	8	04
07	7	9	04
08	8	10	06
09	9	11	06
10	10	12	08
12	12, 13	N/A	08
13	N/A	15	10
14	14, 15, 16, 17	18, 19	12
16	19	21	14
17	21	23	16

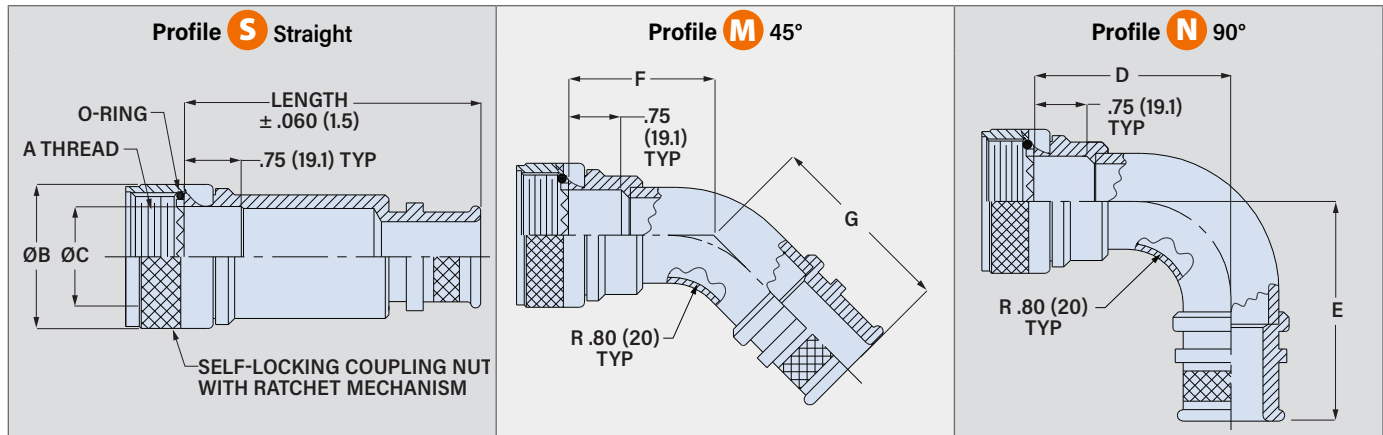
### PART NUMBER

	<b>440MS233</b>	<b>M</b>	<b>10</b>	<b>06</b>	<b>M</b>	<b>-8</b>	<b>K</b>	<b>P</b>	<b>T</b>																																																					
<b>Base P/N</b>	Base Part No. Profile																																																													
	<b>440MS233</b>	<b>S</b> Straight																																																												
	<b>440MM233</b>	<b>M</b> 45°																																																												
	<b>440MN233</b>	<b>N</b> 90°																																																												
<b>Material/Finish</b>	<b>ME</b> Alum/ Electroless Nickel <b>MT</b> Alum/ Nickel-PTFE <b>NF</b> Alum/ Olive Drab Cadmium <b>ZR</b> Alum/ Black Zinc-Nickel <b>TZ</b> Alum/ Tin-Zinc <b>ZI</b> SST/ Passivated																																																													
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<b>Band Platform</b>	Omit for standard band platform <b>M</b> Micro Band Platform																																																													
<b>Length</b>	<b>-8</b> 2.0 in. <b>-10</b> 2.5 in. <b>-12</b> 3.0 in. <b>-14</b> 3.5 in.	Length Code applies to Profile <b>S</b> only. Length in ¼ inch increments, 2 inch min. Omit for 45° and 90° profiles.																																																												
<b>Band</b>	Omit if not required <b>K</b> Pre-Coiled Band Included With Backshell																																																													
<b>Polysulfide</b>	Omit if not required. Applies to Plating Codes NF, ZR, TZ only. <b>P</b> Nickel Plated Shield Termination Area with Polysulfide Barrier																																																													
<b>Shrink Boot</b>	Omit if not required <b>T</b> Type 1 High Performance Shrink Boot Included With Backshell <b>T1</b> Adhesive-lined Type 1 High Performance Shrink Boot <b>H</b> Zero Halogen Shrink Boot Included With Backshell <b>T1</b> Adhesive-lined Zero Halogen Shrink Boot																																																													

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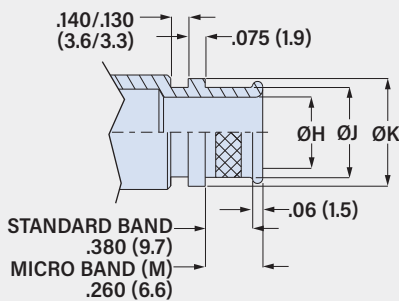
for Series 80 Mighty Mouse Connectors

## 440M\*233 Banding Backshell, Shrink Boot, Expanded Clearance



Shell Series Code	Shell Size		A Thread UNEF-2B	øB Max.		øC ± .005 (0.1)		D Max.		E Max.		F Max.		G Max.		Max. Entry Size
	800, 801, 803, 804	Series 805		in	mm	in	mm	in	mm	in	mm	in	mm	in	mm	
11	N/A	8	0.3750-32	.763	19.4	.274	7.0	1.893	48.1	1.883	47.8	1.433	36.4	1.423	36.1	04
07	7	9	0.4375-28	.782	19.9	.324	8.2	1.893	48.1	1.883	47.8	1.433	36.4	1.423	36.1	04
08	8	10	0.500-28	.803	20.4	.386	9.8	1.893	48.1	1.883	47.8	1.433	36.4	1.423	36.1	06
09	9	11	0.5625-24	.950	24.1	.444	11.3	1.893	48.1	1.883	47.8	1.433	36.4	1.423	36.1	06
10	10	12	0.625-24	1.034	26.3	.513	13.0	1.955	49.7	1.945	49.4	1.460	37.1	1.450	36.8	08
12	12, 13	N/A	0.6875-24	1.076	27.3	.596	15.1	1.955	49.7	1.945	49.4	1.460	37.1	1.450	36.8	08
13	N/A	15	0.750-20	1.170	29.7	.625	15.9	2.107	53.5	2.097	53.3	1.485	37.7	1.475	37.5	10
14	14, 15, 16, 17	18, 19	0.9375-20	1.320	33.5	.812	20.6	2.107	53.5	2.097	53.3	1.485	37.7	1.475	37.5	12
16	19	21	1.0625-18	1.470	37.3	.910	23.1	2.170	55.1	2.160	54.9	1.541	39.1	1.531	38.9	14
17	21	23	1.1875-18	1.582	40.2	1.055	26.8	2.275	57.8	2.265	57.5	1.580	40.1	1.570	39.9	16

### ENTRY SIZE



Entry Size Codes	Shell Size	øH ± .015 (0.4)		øJ ± .015 (0.4)		øK ± .015 (0.4)	
		in	mm	in	mm	in	mm
02	11-17	.125	3.2	.250	6.4	.312	7.9
03	11-17	.188	4.8	.312	7.9	.374	9.5
04	11-17	.250	6.4	.375	9.5	.437	11.1
05	08-17	.312	7.9	.438	11.1	.500	12.7
06	08-17	.375	9.5	.500	12.7	.562	14.3
07	10-17	.438	11.1	.562	14.3	.624	15.8
08	10-17	.500	12.7	.625	15.9	.687	17.4
09	13-17	.562	14.3	.688	17.5	.750	19.1
10	13-17	.625	15.9	.750	19.1	.812	20.6
11	14-17	.688	17.5	.812	20.6	.874	22.2
12	14-17	.750	19.1	.875	22.2	.937	23.8
13	16-17	.812	20.6	.938	23.8	1.000	25.4
14	16-17	.875	22.2	1.000	25.4	1.062	27.0
15	17	.938	23.8	1.062	27.0	1.124	28.5
16	17	1.000	25.4	1.125	28.6	1.187	30.1

### SHRINK BOOT

Optional heatshrink boot provides cable strain relief and environmental protection.

**Code T, T1:** Type 1 high-performance semi-rigid elastomer resists fuels and oils. Operating temperature range -75 to +150 °C. Code T1 adds W1 hot melt adhesive precoat (-40 to +125 °C).

**Code H, H1:** Type 2 halogen-free polyolefin meets low smoke and toxicity requirements of shipboard, transit and aircraft systems. Operating temperature range -40 to +130 °C. Code H1 adds W1 hot melt adhesive precoat (-55 to +125 °C).



Entry Sizes	Zero Halogen Shrink Boot P/N*	
	Shrink Boot P/N*	Boot P/N*
02-03	770-003S111	770-003S211
04-05	770-001S112	770-001S212
06	770-001S103	770-001S203
07-11	770-001S104	770-001S204
12-15	770-001S105	770-001S205
16	770-001S106	770-001S206

\* Add "W1" to the part number for adhesive lined boot

### BAND

Optional Band-Master ATS® band strap provides fast, cost-effective and highly reliable termination of braided metallic shielding.



Standard Band  
601-041

Standard  
Banding Tool  
601-100

Micro Band  
601-065

Micro  
Banding Tool  
601-101

### POLYSULFIDE

Optional selective electroless nickel plating on shield termination area and polysulfide dielectric barrier prevents galvanic mismatch between nickel-coated braid shield and backshell.

⚠ Plating codes NF, ZR and TZ only

