SERIES 80 MIGHTY MOUSE CONNECTORS
Accessories, Backshells, and Tools
Series 800 Mighty Mouse Plug and Receptacle Metal Protective Covers and Lanyard

Glenair®

Protective covers fit Series 800 plug and receptacle connectors. Aluminum or stainless steel. Fluorosilicone rubber gasket protects connector from contamination and water ingress. Attach to panel or cable with a variety of lanyards and fittings. Lanyard styles include braided nylon rope, stainless steel wire, or sash chain. Stainless steel wire available with flexible, rugged polyurethane coating or Fluoropolymer sleeve for high temperature requirements.

667-185

How To Order

Sample Part Number	667-184	-M	- G	9	04	-6	X

Series (See Table I)	**667-184** = Plug Cover **667-185** = Receptacle Cover
Shell Material and Finish	**C** = Aluminum / Black Anodize (Non-Conductive) RoHS Compliant **M** = Aluminum / Electroless Nickel RoHS Compliant **MT** = Aluminum / Nickel-PTFE RoHS Compliant **NF** = Aluminum / Cadmium with Olive Drab Chromate **ZNU** = Aluminum / Zinc-Nickel with Black Chromate **Z1** = Stainless Steel / Passivated RoHS Compliant
Attachment Type	**-D** = Bead Chain, CRES, Passivate **-F** = Wire Rope, Nylon Jacket **-G** = Nylon Rope **-H** = SST Wire Rope, Fluoropolymer Jacket **-N** = No Attachment **-R** = Wire Rope, PVC Jacket **-S** = SST Sash Chain **-SK** = Nylon Rope With Slip Knot **-T** = SST Wire Rope, No Jacket **-U** = SST Wire Rope, Polyurethane Jacket "SST" = Stainless Steel
Shell Size	**5, 6, 7,8 , 9, 10, 12**
Attachment Code (See Table II)	Small Ring = **01**, **02**, **04**, **06** Large Ring = **14** thru **33** Split Ring = **50** thru **68**
Attachment Length (Inches)	Omit for attachment Type N (No Attachment) Example: "-6" equals six inch length
Alternate Polariztion	**X**, **Y**, **Z**; **Omit** for Normal. Applies to 667-184 Plug Cover only.

Table I: Shell Style

667-184 Plug Cover	**667-185** Receptacle Cover

Table II: Attachment Code

Omit for attachment types **N** (No Attachment) and **SK** (Slip Knot)

	00 - No Eyelet
Small Ring	**01** –.125 (3.2) I.D. **02** –.145 (3.6) I.D. **04** –.182 (4.6) I.D. **06** –.197 (5.0) I.D.
Large Ring	**32** – .265 (6.73) I.D. **29** – .315 (8.00) I.D. **14** – .385 (9.78) I.D. **15** – .445 (11.30) I.D. **33** – .510 (12.95) I.D. **16** – .570 (14.48) I.D. **17** – .635 (16.13) I.D. **18** – .695 (17.65) I.D. **27** – .766 (19.46) I.D.
Split Ring	**50** – .432 (11.0) I.D. **52** – .492 (12.5) I.D. **54** – .648 (16.5) I.D. **56** – .757 (19.2) I.D. **58** – .898 (22.8) I.D. **60** – 1.023 (26.01) I.D. **64** – 1.137 (28.9) I.D. **68** – 1.357 (34.5) I.D.
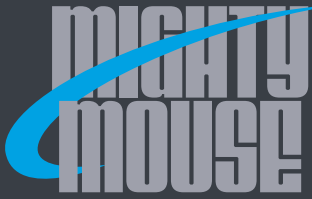
ACCESSORIES, BACKSHELLS, AND TOOLS

667-185 Cover Attachment for RPM Jam Nut Receptacle

ATTACHMENT RING FITS UNDER JAM NUT
PROTECTIVE COVER 667-185
PANEL
RECEPTACLE CONNECTOR STYLE 07
JAM NUT

Solid Ring

Attch. Code	Shell Size	Ring I.D.		Ring O.D.	
		In.	mm.	In.	mm.
		± .010	±0.25	± .015	± 0.38
29	5	0.315	8.00	0.44	11.18
14	6	0.385	9.78	0.51	12.95
15	7	0.445	11.30	0.57	14.48
33	8	0.510	12.95	0.62	15.75
16	9	0.570	14.48	0.69	17.53
17	10	0.635	16.13	0.76	19.30
27	12	0.766	19.46	0.89	22.61

667-185 Cover Attachment to a Panel with a Screw

SMALL RING
SCREW
CONNECTOR
PROTECTIVE COVER 667-185

Small Ring for Attaching Receptacle Covers to a Panel with a Screw

Attch. Code	Screw Size	Ring I.D.		Ring O.D.	
		In.	mm.	In.	mm.
		±.005	±0.13	Max.	Max.
01	#4, M3	.126	3.20	.31	7.9
02	#6	.145	3.68	.31	7.9
04	#8, M4	.188	4.78	.31	7.9
06	#10	.197	5.00	.31	7.9

667-184 Cover Attachment to Cable Assembly

INSTALL RING BEFORE MOLDING OR BACKSHELL INSTALLATION

Solid Ring

Attch. Code	Shell Size	Ring I.D.		Ring O.D.	
		In.	mm.	In.	mm.
		± .010	±0.25	± .015	± 0.38
29	5	.315	6.73	0.44	11.18
14	6	0.385	9.78	0.51	12.95
33	7,8	0.510	12.95	0.62	15.75
16	9	0.570	14.48	0.69	17.53
17	10	0.635	16.13	0.76	19.30
18	12	0.695	17.65	0.82	20.83

667-184 Cover Attachment for Cable

INSTALL SPLIT RING OVER CABLE JACKET
#4-40 FILL.HD. SCREW
#4-40 LOCKNUT AND SPLIT WASHER

Large Split Ring for Attaching Covers to Cables
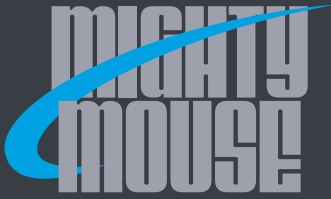
| Attch. Code	Max. Cable Dia. (in.)	Ring Diameter			
		Min. ID		Max. OD	
		In.	mm.	In.	mm.
50	.410	.420	10.67	.580	14.73
52	.470	.480	12.19	.640	16.26
54	.625	.635	16.13	.796	20.22
56	.735	.745	18.92	.905	22.99
58	.875	.885	22.48	1.046	26.57
60	1.000	1.010	25.65	1.171	29.74
64	1.115	1.125	28.58	1.285	32.64
68	1.335	1.345	34.16	1.505	38.23

ACCESSORIES, BACKSHELLS, AND TOOLS

Series 800 Mighty Mouse Plug and Receptacle Metal Protective Covers and Lanyard
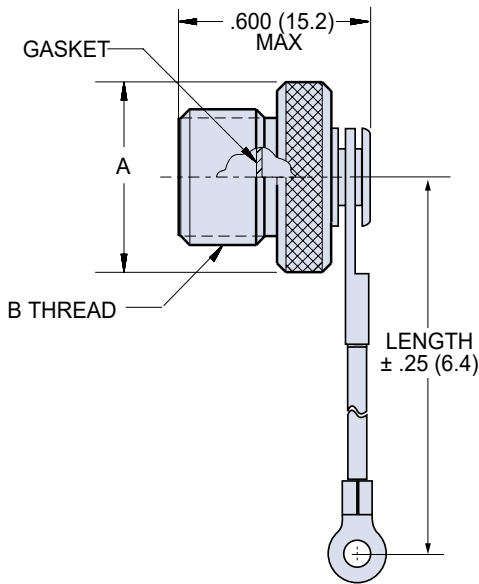
667-184 Plug Cover
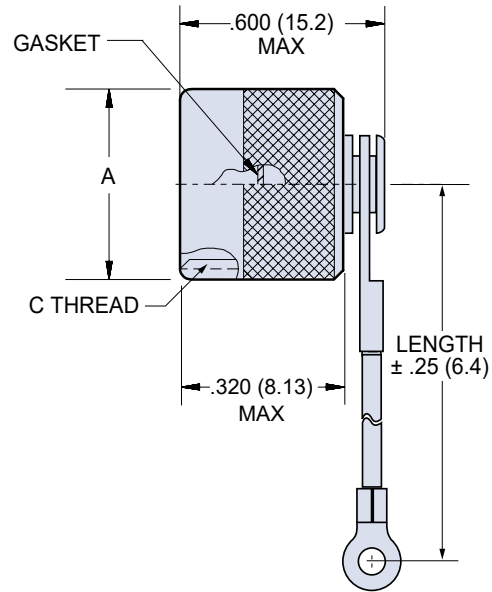
667-185 Receptacle Cover

Dimensions

Shell Size	A Max.		B	C
	In.	mm.		
5	.462	11.73	.3125-28 UN-2A	.3125-28 UN-2B
6	.525	10.80	.3750-28 UN-2A	.3750-28 UN-2B
7	.588	14.94	.4375-28 UNEF-2A	.4375-28 UNEF-2B
8	.650	16.51	.5000-32 UN-2A	.5000-32 UN-2B
9	.713	18.11	.5625-32 UN-2A	.5625-32 UN-2B
10	.838	21.29	.6250-32 UN-2A	.6250-32 UN-2B
12	.900	22.86	.7500-28 UN-2A	.7500-28 UN-2B

NOTES

1. Materials and Finishes
- Cover: Aluminum alloy per ASTM B211, or stainless steel per AMS-QQ-S-763
- Gasket: Fluorosilicone rubber
- Wire, Hardware: Stainless steel, passivated

Lanyard options

Nylon Rope	-65° to +100°C., black, very flexible, very good abrasion resistance, good resistance to fuels, .120" (3mm) diameter
Polyurethane Coated Wire Rope	Black polyurethane over stainless steel rope, -65° to +125°C., very flexible, excellent abrasion resistance, excellent resistance to fuels, .080" (2mm) diameter
Fluoropolymer Jacketed Wire Rope	Translucent FEP jacket over stainless steel, -65° to +200°C., fair flexibility, good abrasion resistance, .100" diameter
Sash Chain	Stainless steel, #8 chain, .240" (6mm)
Slip Knot (SK) for Attaching Covers to Cable	65° to +100°C., black, very flexible, very good abrasion resistance, good resistance to fuels, .120" (3mm) diameter. Length includes .5" (13mm) diameter loop.