

SERIES 803 BAYONET-LOCK Mighty Mouse Connectors and Cables



Receptacles with Rear Release Crimp Contacts, Banding Porch or Accessory Threads



Series 803 receptacles are available in three shell styles with push-to-mate, ¼ turn-to-lock mating. These quick-mating connectors feature bayonet pins on the receptacle. Push connectors together, and rotate the plug coupling nut 90° to lock connectors. Supplied with crimp contacts, packaged separately. Terminate rear-removable contacts with standard M22520 tools. Metal clips inside the connector body lock contact into place. Fluorosilicone interfacial seal and rear grommet protect from water ingress. Integral band platform and boot groove for direct attachment of cable shield, optimized for Band-Master ATS® bands (sold separately). Select accessory thread option for backshells or strain relief attachments.

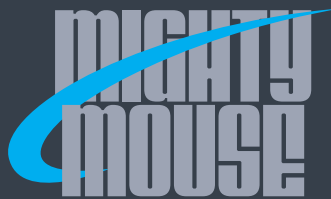
How To Order						
Sample Part Number	803-003	-07	NF	6-7	S	N
Series (See Table I)	803-003 = Receptacle with Banding Platform 803-004 = Receptacle with Accessory Thread					
Shell Style (See Table II)	-01 = In-Line -02 = Flange Mount -07 = Jam-Nut					
Shell Material and Finish	C = Aluminum / Black Anodize (Non-Conductive) M = Aluminum / Electroless Nickel MT = Aluminum / Nickel-PTFE NF = Aluminum / Cadmium with Olive Drab Chromate ZNU = Aluminum / Zinc-Nickel with Black Chromate Z1 = Stainless Steel / Passivated					
Shell Size - Insert Arrangement	See Contact Arrangements Page G-4					
Contact Type	Connector supplied with contacts Connector supplied without contacts P = Pin A = Pin Connector, less contacts S = Socket B = Socket Connector, less contacts Connectors with contacts are supplied with crimp contacts. Contacts not installed. For Coax contacts, order contacts separately and connector without contacts. El Ochito Contacts are not available.					
Polarization (See Table III)	N = Normal X = Pos. X Y = Pos. y Z = Pos. Z					

Table III: Keyway Polarization		
Pos.	A°	B°
N	150°	210°
X	75°	210°
Y	95°	230°
Z	140°	275°

Table I: Series	
803-003 Plug with Banding Platform	803-004 Plug with Accessory Thread

Table II: Shell Style		
-01 In-line	-02 Flange Mount	-07 Jam-Nut

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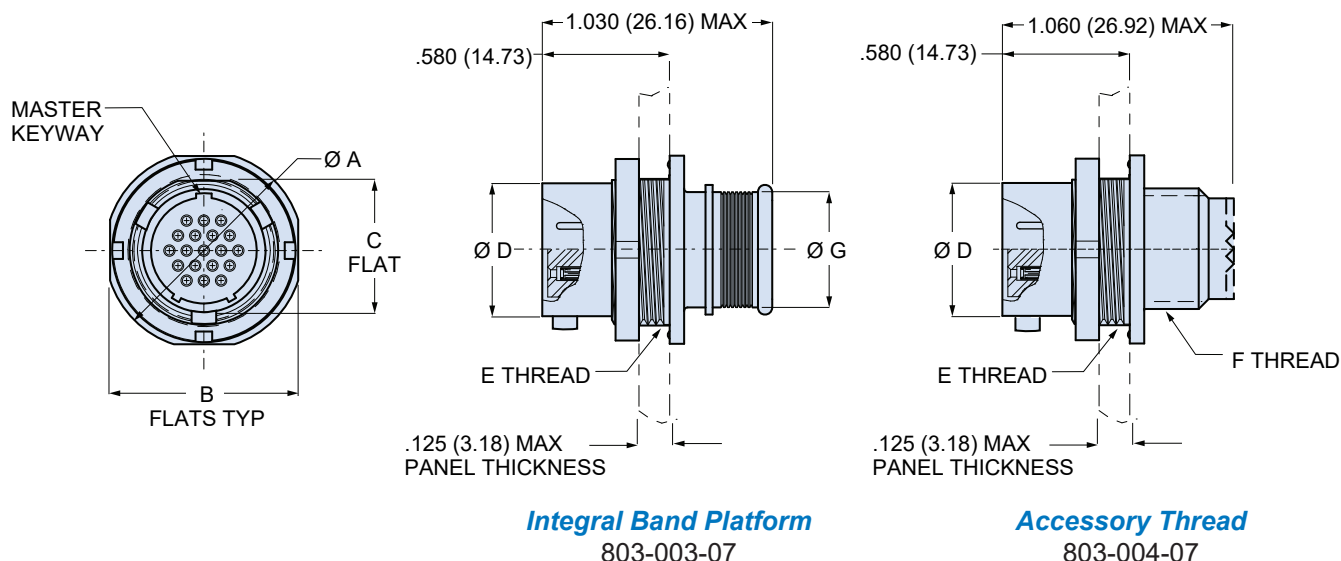
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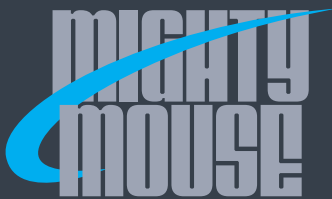
JAM-NUT REAR PANEL MOUNT RECEPTACLE - SHELL STYLE 07



Dimensions							
Shell Size	Ø A	B Flats	C Flat	Ø D	E Thread	F Thread	Ø G
5	.575 (14.60)	.545 (13.84)	.350 (8.89)	.300 (7.62)	.3750-32 UNEF-2A	.2500-32 UNEF-2A	.230 (5.84)
6	.635 (16.13)	.595 (15.11)	.410 (10.41)	.362 (9.19)	.4375-28 UNEF-2A	.3125-32 UNEF-2A	.286 (7.26)
7	.755 (19.18)	.723 (18.36)	.536 (13.61)	.436 (11.07)	.5625-32 UN-2A	.4375-28 UNEF-2A	.390 (9.91)
8	.830 (21.08)	.790 (20.07)	.593 (15.06)	.508 (12.90)	.6250-28 UN-2A	.5000-28 UNEF-2A	.440 (11.18)
9	.830 (21.08)	.790 (20.07)	.593 (15.06)	.561 (14.25)	.6250-28 UN-2A	.5625-24 UNEF-2A	.500 (12.70)
10	.955 (24.26)	.925 (23.50)	.721 (18.31)	.635 (16.13)	.7500-28 UN-2A	.6250-24 UNEF-2A	.562 (14.27)
11	1.078 (27.38)	1.044 (26.52)	.845 (21.46)	.672 (17.07)	.8750-28 UN-2A	.6875-25 UNED-2A	.605 (15.37)
12	1.078 (27.38)	1.044 (26.52)	.845 (21.46)	.714 (18.14)	.8750-28 UN-2A	.6875-24 UNEF-2A	.650 (16.51)
14	1.264 (32.11)	1.230 (31.24)	1.022 (25.96)	.865 (21.97)	1.0625-20 UN-2A	.9375-20 UNEF-2A	.805 (20.45)
15	1.325 (33.65)	1.290 (32.77)	1.096 (27.84)	.925 (23.50)	1.1250-28 UN-2A	.9375-20 UNEF-2A	.850 (21.59)

NOTES

- Contacts are size 23 crimp type, and are used in a rear release retention system
- For additional insert arrangements consult factory
- Crimp barrel accommodates 22, 24, 26 and 28 gage wire
- Connector mates with all bayonet plug connectors with same polarization and opposite contact gender
- See page G-7 for recommended panel cut-out dimensions
- Crimp Tool Data:
 - Crimp Frame: M22520/2-01
 - Positioner for use with crimp frame: "Glenair Part No. 809-005
- Insertion tool: Glenair part no. 809-013
- Extraction tool: Glenair part no. 809-007 (metal) and 809-0019 (plastic)
- Material and Finish
 - Shell, jam-nut: Aluminum alloy or CRES / see how to order table
 - Insulator: High Grade Rigid Dielectric / N.A.
 - Interfacial seal, grommet seal: fluorosilicone / N.A.
 - Contact: copper alloy / gold plate per ASTM B 488, Type II, Class 1.25, over suitable underplate

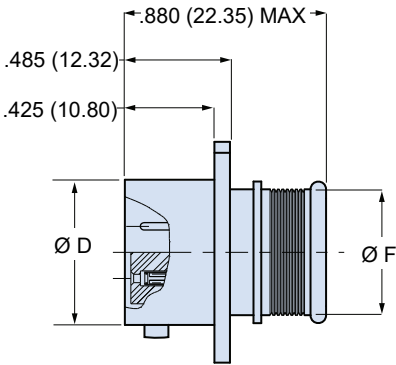
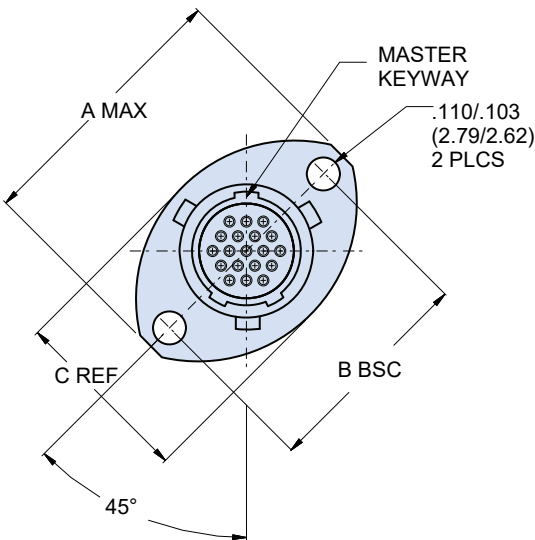


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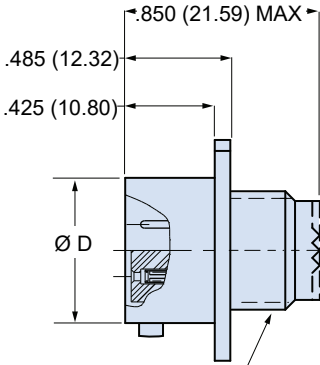


Receptacles with Rear Release Crimp Contacts,
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FLANGE MOUNT FRONT OR REAR PANEL MOUNT RECEPTACLE - SHELL STYLE 02



Integral Band Platform
803-003-02



Accessory Thread
803-004-02

Dimensions						
Shell Size	A Max.	B Bsc.	C Ref.	Ø D	E Thread	Ø F
5	.703 (17.86)	.513 (13.03)	.460 (11.68)	.300 (7.62)	.2500-32 UNEF-2A	.230 (5.84)
6	.788 (20.02)	.598 (15.19)	.522 (13.26)	.362 (9.19)	.3125-32 UNEF-2A	.286 (7.26)
7	.890 (22.61)	.708 (17.98)	.590 (14.99)	.436 (11.07)	.4375-28 UNEF-2A	.390 (9.91)
8	1.154 (29.31)	.964 (24.49)	.668 (16.97)	.508 (12.90)	.5000-28 UNEF-2A	.440 (11.18)
9	1.207 (30.66)	1.017 (25.83)	.721 (18.31)	.561 (14.25)	.5625-24 UNEF-2A	.500 (12.70)
10	1.291 (32.79)	1.101 (27.97)	.795 (20.19)	.635 (16.13)	.6250-24 UNEF-2A	.562 (14.27)
12	1.394 (35.41)	1.204 (30.58)	.874 (22.20)	.714 (18.14)	.6875-24 UNEF-2A	.650 (16.51)
14	1.545 (39.24)	1.280 (32.51)	1.050 (26.67)	.865 (21.97)	.9375-20 UNEF-2A	.805 (20.45)

SERIES 803 BAYONET-LOCK



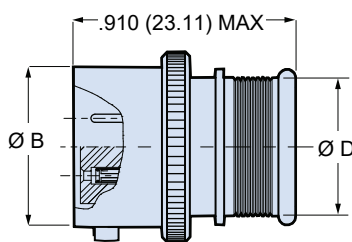
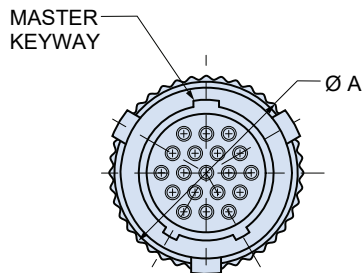
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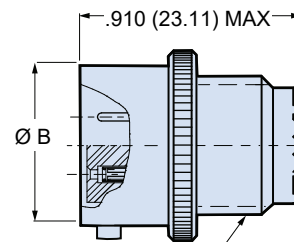


Receptacles with Rear Release Crimp Contacts,
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IN-LINE CABLE RECEPTACLE - SHELL STYLE 01



Integral Band Platform
803-003-01



Accessory Thread
803-004-01

Dimensions				
Shell Size	Ø A Max.	Ø B	C Thread	Ø D
5	.402 (10.21)	.300 (7.62)	.2500-32 UNEF-2A	.230 (5.84)
6	.465 (11.81)	.362 (9.19)	.3125-32 UNEF-2A	.286 (7.26)
7	.500 (12.70)	.436 (11.07)	.4375-28 UNEF-2A	.390 (9.91)
8	.570 (14.48)	.508 (12.90)	.5000-28 UNEF-2A	.440 (11.18)
9	.652 (16.56)	.561 (14.25)	.5625-24 UNEF-2A	.500 (12.70)
10	.715 (18.16)	.635 (16.13)	.6250-24 UNEF-2A	.562 (14.27)
12	.805 (20.45)	.714 (18.14)	.6875-24 UNEF-2A	.650 (16.51)
14	.915 (23.24)	.865 (21.97)	.9375-20 UNEF-2A	.805 (20.45)