

SERIES 801 DOUBLE-START ACME THREAD Mighty Mouse Connectors and Cables



Cobra™ Low-Profile Right Angle Plug with Crimp or Solder Contact Termination



Series 801 Mighty Mouse Cobra Connectors reduce clearance requirements without compromising ruggedness or shielding performance. Each Cobra assembly is equipped with a removable rear cover and gasket for easy crimp or solder contact termination of the connector. Both pin and socket versions are available for both crimp and solder terminated versions. Integrated low-profile backshell is equipped with an EMI/RFI shield termination platform and a shrink boot lip. The ultra-lightweight assembly may be clocked in eight different angle orientations for additional flexibility in cable routing. All standard contact arrangements from shell size 5 to 21 with size 20HD or 23 contacts. Connector shells are aluminum alloy or SST

How To Order

Sample Part Number		801-069-26	ZNU	8-13	P	A	1	05
Series	801-069-26 = Double-Start Self-Locking Plug with Ratchet Mechanism							
Material and Finish	M = Aluminum / Electroless Nickel NF = Aluminum / Cadmium with Olive Drab Chromate ZNU = Aluminum / Zinc-Nickel with Black Chromate MT = Aluminum / Nickel-PTFE Z1 = Stainless Steel / Passivated							
Shell Size - Insert Arrangement	See page E-7 for layouts							
Contact Type	P = Pin, Crimp A = Pin, Solder S = Socket, Crimp B = Socket, Solder Connectors with contacts are supplied with crimp contacts. Contacts not installed. For coax contacts, order contacts separately and connector without contacts.							
Polarization (See Table I)	A = Normal B = Pos. B C = Pos. C D = Pos. D E = Pos. E F = Pos. F							
Cable Exit Direction (See Table II)	1, 2, 3, 4, 5, 6, 7, 8							
Cable Entry Size (See Table III)	02, 03, 04, 05, 06, 07, 08, 09, 10, 11, 12, 13, 14, 15, 16, 17							

Table I: Keyway Positions

Position	A°	B°
A	150°	210°
B	75°	210°
C	95°	230°
D	140°	275°
E	75°	275°
F	95°	210°

Table II: Cable Exit Direction

Cable Exit Code	C°
1	0°
2	45°
3	90°
4	135°
5	180°
6	225°
7	270°
8	315°

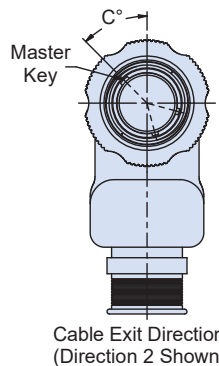
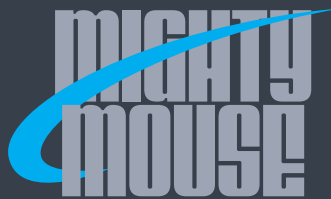


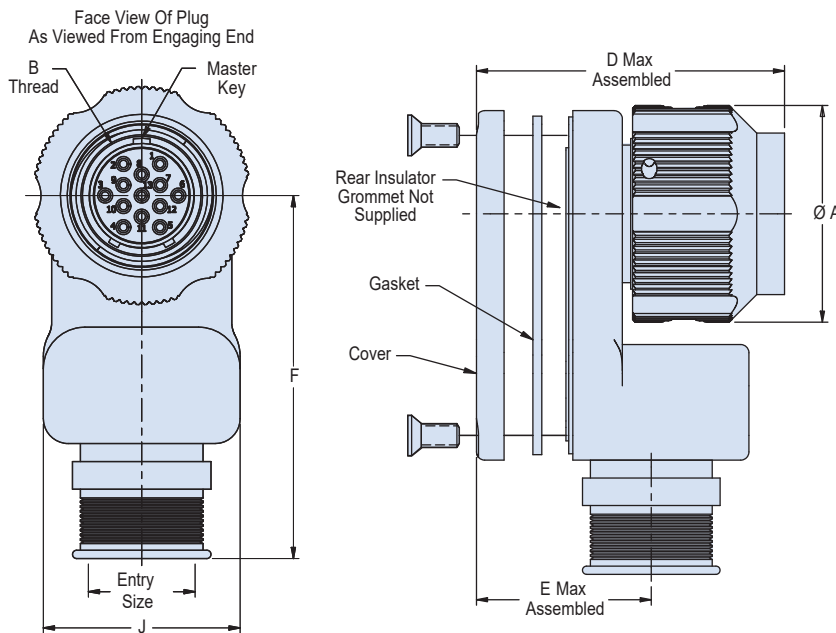
Table III: Cable Entry Size

Code	Entry Size	Code	Entry Size
02	.125 (3.18)	10	.625 (15.88)
03	.188 (4.78)	11	.688 (17.48)
04	.250 (6.35)	12	.750 (19.05)
05	.313 (7.95)	13	.813 (20.65)
06	.375 (9.52)	14	.875 (22.23)
07	.438 (11.13)	15	.938 (23.83)
08	.500 (12.70)	16	1.000 (25.40)
09	.563 (14.30)	17	1.063 (27.00)

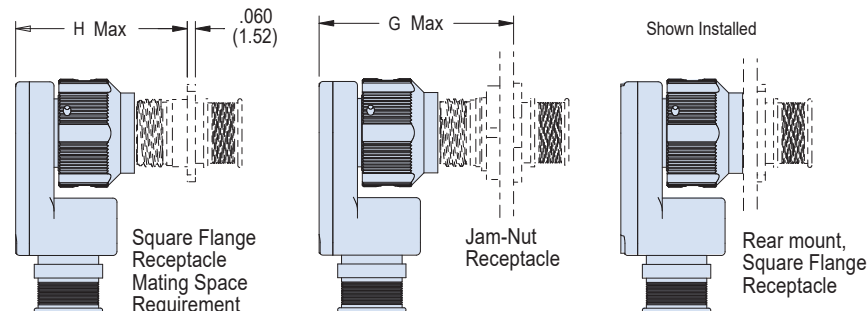


Cobra™ Low-Profile Right Angle Plug with Crimp or Solder Contact Termination

RIGHT ANGLE COBRA™ PLUG



Mating Space Requirements



NOTES

1. Contacts are size 23 crimp type, and used in a rear release retention system
2. Consult factory for additional contact arrangements or shell orientations
3. Crimp barrel accommodates 22, 23, 26, and 28 gage wire
4. Crimp tool data:
 - Hand crimp tool: Glenair P/N 809-015
 - Positioner for hand tool: Glenair P/N 809-005
 - Insertion / extraction tool: Glenair P/N/ 809-008
5. Plug mates with all quick coupling high density receptacle connectors with same polarization and opposite contact gender

Material / finish:

- Plug barrel, coupling nut, housing, cover: Aluminum Alloy or CRES; see How to Order Table
- Insulator: High Grade Rigid Dielectric / N.A.
- Interfacial seal, gasket: fluorosilicone / N.A.
- Contact: copper alloy / gold plate per ASTM B 488, Type II, Code C, Class 1.25, over a suitable underplate
- Contact retention clip: beryllium copper alloy / N.A.
- Hardware: stainless steel / passivate or black oxide
- Retaining wire: Torlon / N.A.
- Detent spring / rivet: stainless steel / passivate

Dimensions

Shell Size	Ø A	B Thread	D Max	E Max	F	G	H	J	Max Entry
5	.65(16.5)	.3125-.05P-.1L-2B	.84 (21.3)	.32 (8.1)	1.21 (30.7)	1.40 (35.6)	1.23 (31.2)	.500 (12.70)	03
6	.65(16.5)	.3750-.05P-.1L-2B	.86 (21.8)	.34 (8.6)	1.24 (31.5)	1.42 (36.1)	1.25 (31.8)	.560 (14.22)	04
7	.69(17.5)	.4375-.05P-.1L-2B	.88 (22.4)	.39 (9.9)	1.28 (32.5)	1.44 (36.6)	1.27 (32.3)	.650 (16.51)	05
8	.79(20.1)	.5000-.05P-.1L-2B	.89 (22.6)	.42 (10.7)	1.31 (33.3)	1.45 (36.8)	1.28 (32.5)	.710 (18.03)	06
9	.83(21.1)	.5625-.05P-.1L-2B	.92 (23.4)	.45 (11.4)	1.34 (34.0)	1.48 (37.6)	1.31 (33.3)	.770 (19.56)	07
10	.92(23.4)	.6250-.05P-.1L-2B	.96 (24.4)	.48 (12.2)	1.37 (34.8)	1.52 (38.6)	1.35 (34.3)	.835 (21.21)	08
11	.98 (24.9)	.6875-.05P-.1L-2B	.99 (25.1)	.50 (12.7)	1.40 (35.6)	1.55(39.4)	1.38 (35.1)	.900 (22.86)	09
13	1.10(27.9)	.8125-.1P-.2L-2B	1.13 (28.7)	.52 (13.2)	1.48 (37.6)	1.80 (45.7)	1.63 (41.4)	.950 (24.13)	10
16	1.34(34.0)	1.0000-.1P-.2L-2B	1.21 (30.7)	.58 (14.7)	1.64 (41.7)	1.88 (47.8)	1.71 (43.4)	1.070 (27.18)	12
17	1.45(36.8)	1.0625-.1P-.2L-2B	1.28 (32.5)	.63 (16.0)	1.78 (45.2)	1.92 (48.8)	1.78 (45.2)	1.180 (29.97)	13
19	1.50(38.1)	1.1875-.1P-.2L-2B	1.40 (35.6)	.70 (17.8)	1.89 (48.0)	2.07 (52.6)	1.90 (48.3)	1.300 (33.02)	15
21	1.65(41.9)	1.3125-.1P-.2L-2B	1.51 (38.4)	.76 (19.3)	1.98 (50.3)	2.18 (55.4)	2.01 (51.1)	1.410 (35.81)	17