



Series 804 Push-Pull Mighty Mouse Cobra™ Plug with Integral Cobra Backshell

804-066-06 Ordering Information



Series 804 plug with integral Cobra™ style ultra-low profile right angle banding backshell reduces clearance requirements without compromising ruggedness, environmental protection or shielding performance. Rear cover allows easy access for installing snap-in crimp pins. Cover gasket prevents moisture intrusion. Cover has lip for finger grip release. Eight clocking positions. Aluminum or stainless steel housing, gold-plated copper alloy contacts, fluorosilicone gasket. Crimp version features snap-in rear release contacts, high-grade rigid dielectric insulators and fluorosilicone wire seal. Solder version features factory-installed, epoxy potted solder cup contacts.

Available with 3 to 55 contacts, these 804 Cobra™ plugs feature size #23 contacts for AWG 22-28 wire.

How To Order							
Sample Part Number	804-066-06	ZNU	8-13	P	A	1	05
Series	804-066-06 = Push Pull Plug						
Shell Material and Finish	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						
Shell Size - Insert Arrangement	5-3, 6-4, 6-6, 6-7, 7-10, 8-13, 9-19, 10-26, 12-37, 14-55						
Contact Type	A = Pin, Solder Cup P = Pin, Crimp B = Socket, Solder Cup S = Socket, Crimp						
Polarization (See Table I)	Omit = Single Master Key A = Normal B = Pos. B C = Pos. C D = Pos. D E = Pos. E F = Pos. F						
Cable Exit Direction (See Table II)	1 through 8						
Cable Entry Size (See Table III)	2 through 12						

Table I: Key Positions

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

Table II: Exit Direction

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

Table III: Cable Entry

Code	Entry Size
02	0.125
03	0.188
04	0.250
05	0.313
06	0.375
07	0.438
08	0.500
09	0.563
10	0.625
11	0.688
12	0.750

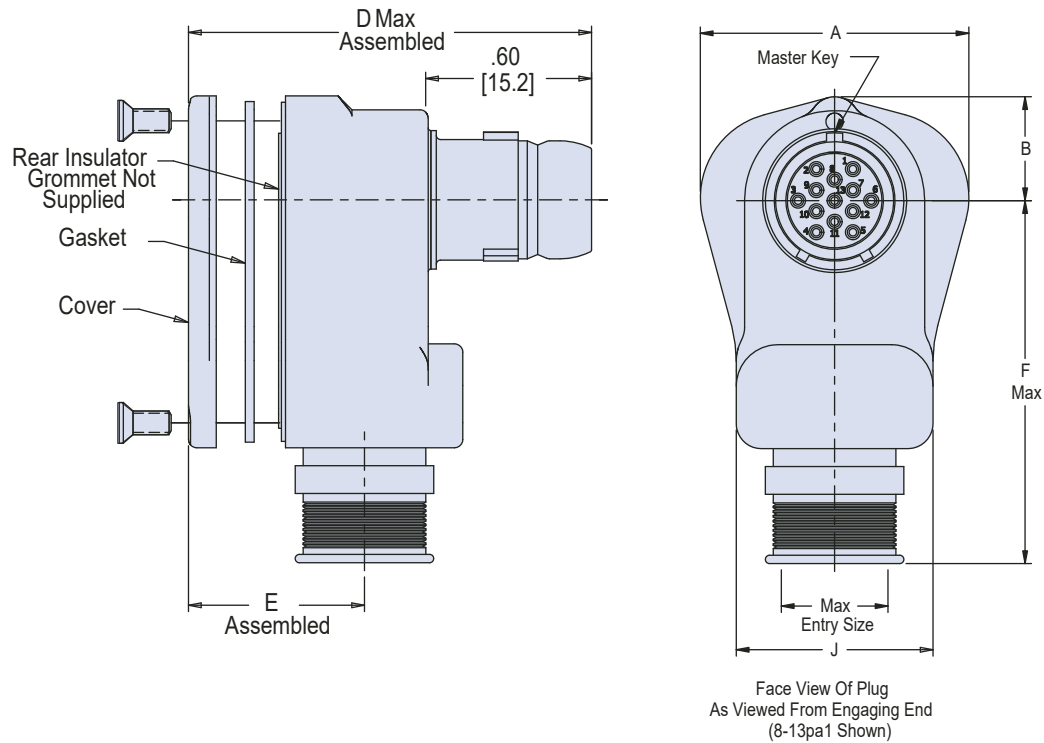
Dimensions in Inches (millimeters) are subject to change without notice.

Series 804 Push-Pull Mighty Mouse Cobra Plug with Integral Cobra Backshell 804-066-06 Dimensions



Series 804

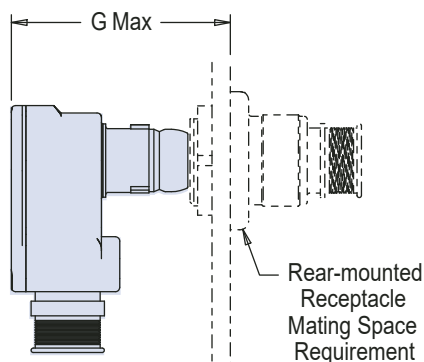
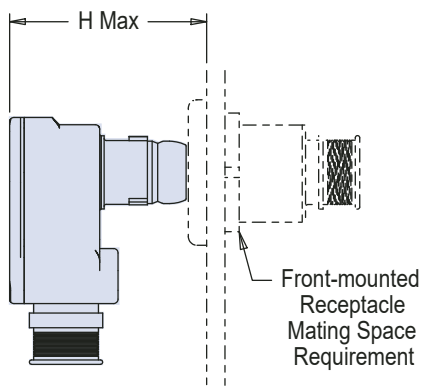
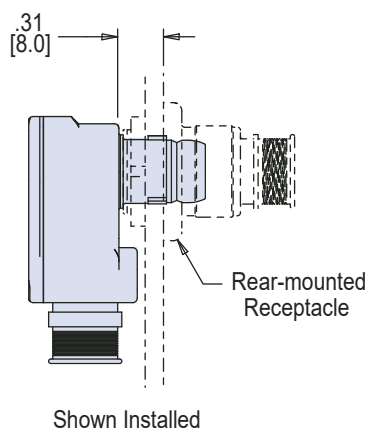
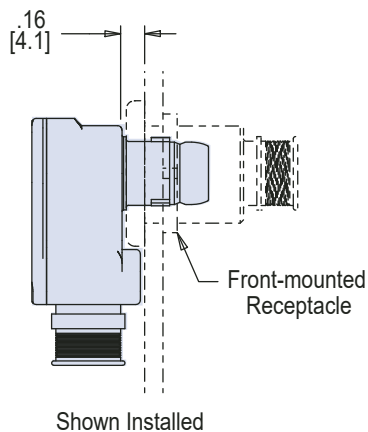
Right angle low profile cable plug



Dimensions									
Shell Size	Ø A	B	D Max	E Max	F	G Max	H Max	J	Max Entry Size
5	.67 (17.02)	.27 (6.86)	1.03 (26.16)	.32 (8.13)	1.21 (30.73)	1.34 (34.04)	1.16 (29.46)	.500 (12.70)	03
6	.75 (19.05)	.30 (7.62)	1.08 (27.43)	.34 (8.64)	1.24 (31.50)	1.39 (35.31)	1.21 (30.73)	.560 (14.22)	04
7	.88 (22.35)	.34 (8.64)	1.20 (30.48)	.39 (9.91)	1.28 (32.51)	1.50 (38.10)	1.32 (33.53)	.650 (16.51)	05
8	.97 (24.64)	.38 (9.65)	1.24 (31.50)	.42 (10.67)	1.31 (33.27)	1.54 (39.12)	1.36 (34.54)	.710 (18.03)	06
9	1.06 (26.92)	.41 (10.41)	1.30 (33.02)	.45 (11.43)	1.34 (34.04)	1.61 (40.89)	1.43 (36.32)	.770 (19.56)	07
10	1.15 (29.21)	.44 (11.18)	1.35 (34.29)	.48 (12.19)	1.37 (34.80)	1.66 (42.16)	1.47 (37.34)	.835 (21.21)	08
12	1.33 (33.78)	.50 (12.70)	1.44 (36.58)	.52 (13.21)	1.48 (37.59)	1.75 (44.45)	1.56 (39.62)	.950 (24.13)	10
14	1.46 (37.08)	.56 (14.22)	1.53 (38.86)	.58 (14.73)	1.64 (41.66)	1.84 (46.74)	1.69 (42.93)	1.070 (27.18)	12

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

Mating Space Requirements



NOTES

1. Contacts are size 23
2. For additional insert arrangements consult factory
3. Crimp barrel accommodates 22, 24, 26 and 28 gage wire
4. Crimp Tool Data:
 - Crimp Frame: 809-015
 - Positioner for use with crimp frame: "Glenair part no. 809-005
 - Insertion / extraction tool: Glenair part no. 809-088
5. Connector, plug mates with all push/pull high density receptacle connectors with same polarization and opposite contact gender
6. Rear insulator grommet not supplied

Material and Finish

- Shell barrel, housing, cover: aluminum alloy or SST / see how to order table
- Insulator: LCP / 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 suitable underplate
- Contact retention clip: beryllium copper alloy / N.A.
- Hardware: stainless steel / passivate or black oxide

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