Series 801 Mighty Mouse Double-Start ACME Thread Panel Plug or PCB Panel Plug with Crimp Contacts

801-113 and 801-114 Ordering Information



Series 801 Mighty Mouse Panel Plug features a double-start modified stub ACME mating thread for improved protection against cross-mating and thread damage. Connector shells are machined aluminum or stainless steel. Available with crimp type rear-release contacts for 801-113. Select 801-114 for PCB applications available with non-removable PC tails or solder cup contacts for attachment to rigid boards or direct wire attachment. Available in shell sizes 5 through 21 in 61 contact arrangements.

How To Order

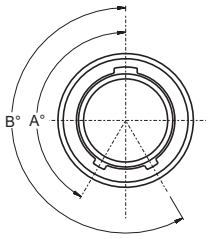
Sample Part Number	801-114	-26	ZNU	9-19	P	A

Series	**801-113** = Connector with Crimp Type Contacts **801-114** = PCB Connector with Non-Removable Contacts
Shell Style	**-26** = Self Locking Panel Plug Connector with Ratchet Mechanism
Material and Finish	**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 D-3
Contact Type	**801-113 Options** **A** = Pin Connector, Less Contacts — **P** = Pin, Crimp **B** = Socket Connector, Less Contacts — **S** = Socket, Crimp **801-114 Options** **E** = Pin, Solder Cup — **P** = Pin, PC Tail **F** = Socket, Solder Cup — **S** = Socket, PC Tail (See Table II)
Polarization (See Table I)	**A** = Normal **B** = Pos. B **C** = Pos. C **D** = Pos. D **E** = Pos. E **F** = Pos. F **G** = Pos. G **H** = Pos. H **J** = Pos. J

NOTES

1. 801-113 contacts are crimp type, and used in a rear release retention system 801-114 contacts are potted in position and non removable
2. Plug mates with all quick coupling high density receptacle connectors with same polarization and opposite contact gender (801-003 through 801-006 and 801-009 through 801-012)
3. Connectors supplied with standard crimp contacts. For coax or other special contacts, order connector less contacts (Contact style A or B) and order contacts separately

Table I: Key Positions



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

Material / finish:

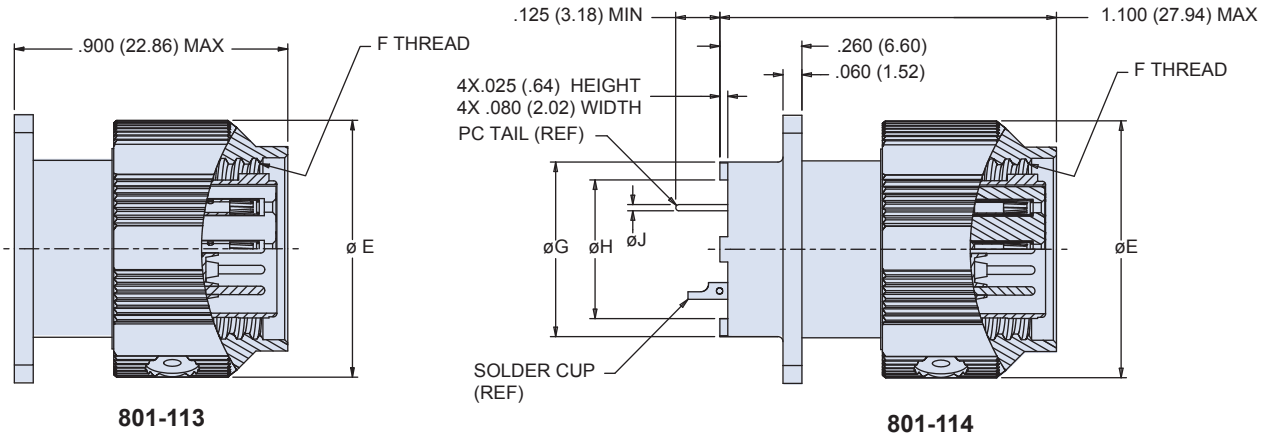
- Shell, lock ring, coupling nut: Aluminum Alloy or CRES; see How to Order Table
- Insulator: LCP / N.A.
- Interfacial seal, grommet seal: fluorosilicone / N.A.
- Contact: copper alloy / gold plate per ASTM B 488, Type II, Code C, Class 1.25, over a suitable underplate

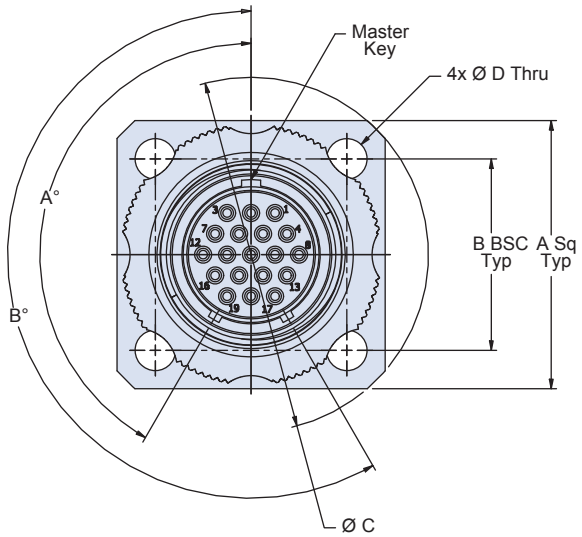
Dimensions in Inches (millimeters) are subject to change without notice.

© 2014 Glenair, Inc.

Downloaded from Arrow.com.

Panel plug - shell size 26





PC Tails Dimensions	
Contact Size	Ø J
#23	.018/.022
#16	.060/.064
#12	.092/.096

D

Dimensions								
Shell Size	A Sq	B Bsc	Ø C	Ø D	Ø E	F Thread	Ø G	Ø H
5	.590 (14.99)	.423 (10.74)	.750 (19.05)	.093 (2.36)	.65 (16.51)	.3125-.05P-.1L-2B	.244 (6.20)	.175 (4.44)
6	.590 (14.99)	.423 (10.74)	.750 (19.05)	.093 (2.36)	.65 (16.51)	.3750-.05P-.1L-2B	.330 (8.38)	.238 (6.05)
7	.650 (16.51)	.483 (12.27)	.850 (21.59)	.093 (2.36)	.69 (17.53)	.4375-.05P-.1L-2B	.432 (10.97)	.327 (8.31)
8	.712 (18.08)	.545 (13.84)	.938 (23.83)	.093 (2.36)	.79 (20.07)	.5000-.05P-.1L-2B	.493 (12.52)	.388 (9.86)
9	.850 (21.59)	.607 (15.42)	1.125 (28.58)	.128 (3.25)	.83 (21.08)	.5625-.05P-.1L-2B	.551 (14.00)	.446 (11.33)
10	.890 (22.61)	.670 (17.02)	1.188 (30.18)	.128 (3.25)	.92 (23.37)	.6250-.05P-.1L-2B	.620 (15.75)	.516 (13.11)
11	.935 (23.75)	.715 (18.16)	1.250 (31.75)	.128 (3.25)	--	.6875-.05P-.1L-2B	.662 (16.81)	.557 (14.15)
13	1.030 (26.16)	.812 (20.62)	1.375 (34.92)	.128 (3.25)	1.10 (27.94)	.8125-.1P-.2L-2B	.703 (17.86)	.599 (15.21)
16	1.219 (30.96)	.981 (24.92)	1.625 (41.28)	.128 (3.25)	1.34 (34.04)	1.0000-.1P-.2L-2B	.863 (21.92)	.759 (19.28)
17	1.280 (32.51)	1.060 (26.92)	1.700 (43.18)	.128 (3.25)	1.45 (36.83)	1.0625-.1P-.2L-2B	.912 (23.16)	.808 (20.52)
19	1.432 (36.37)	1.191 (30.25)	1.900 (48.26)	.128 (3.25)	1.50 (38.10)	1.1875-.1P-.2L-2B	1.018 (25.86)	.910 (23.11)
21	1.565 (39.75)	1.322 (33.58)	2.100 (53.34)	.128 (3.25)	1.65 (41.91)	1.3125-.1P-.2L-2B	1.170 (29.72)	1.061 (26.95)

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

© 2014 Glenair, Inc.

Downloaded from Arrow.com.