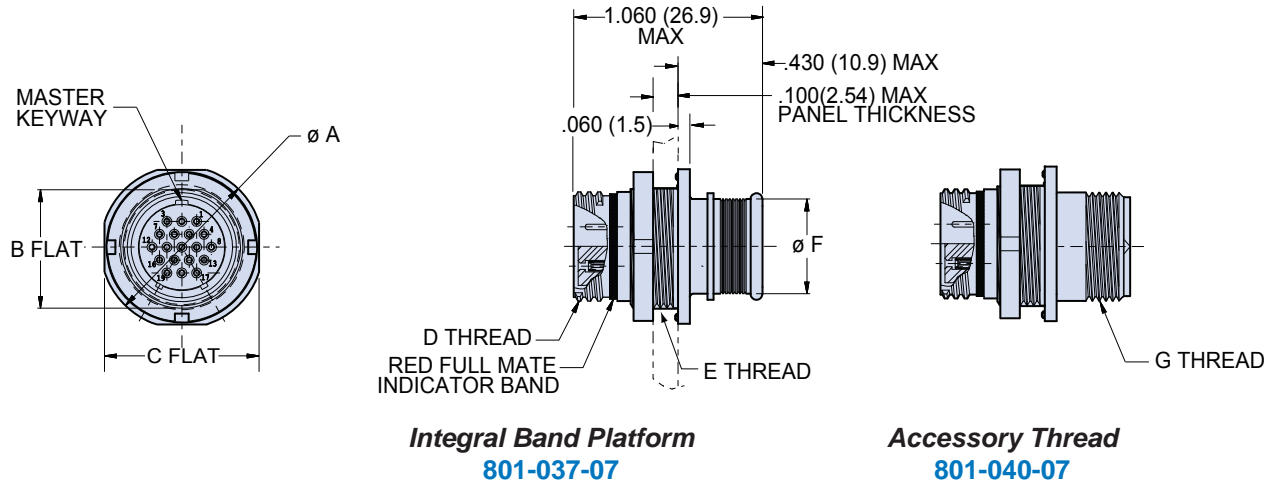


**801-037-01 and 801-040-01**  
**Series 801 Mighty Mouse High-Speed**  
**Double-Start ACME Threads**  
**-07 Jam Nut Receptacle Dimensions**



**Integral Band Platform**  
**801-037-07**

**Accessory Thread**  
**801-040-07**

Dimensions											
Shell Size	Ø A		B Flat		C Flat		D Thread	E Thread UN-2A	Ø F		G Thread UN-2A
	In.	mm.	In.	mm.	In.	mm.			In.	mm.	
6	.635	16.13	.410	10.41	.595	15.11	.375-.05P-1L-2A	.4375-28	.290	7.37	.3125-32
7	.755	19.18	.536	13.61	.723	18.36	.4375-.05P-1L2A	.5625-32	.390	9.91	.4375-28

Series 801 Jam Nut Panel Cutout					
Shell Size	A Flat		Ø B		
	In.	mm.	In.	mm.	
	6	.420	10.66	.448	11.37
7	.551	13.99	.573	14.55	

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

High Speed Performance	
Impedance	100 OHMS ±7 OHMS at 100-Picosecond
VSWR	<1.4 up to 4-GHz

Insertion Loss	
1 GHz	.51 dB
2 GHz	.53 dB
3 GHz	.57 dB
4 GHz	1.2 dB
5 GHz	1.25 dB

**Material and Finish**  
 Plug Barrel, Coupling Nut: Aluminum Alloy or Stainless Steel  
 Insulator: PFA  
 Interfacial Seal, Grommet Seal: Fluorosilicone  
 Contact: Copper Alloy, 50 Microinch Gold Plated per ATSM B 488, Type II, Code C, Class 1.25 (.00005 Min THK), over a suitable underplate.

In order to achieve high speed performance, this Connector must be mated to another high speed Mighty Mouse Connector.

This Connector mates with all Quick Coupling High Density Plug Connectors with same polarization and opposite contact gender, (801-001, 801-002 and 801-007 and 801-008).

Data taken with adjacent pairs and grommet removed.

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