USB 2.0 TYPE A

Series 801, 804 and 805 Mighty Mouse

801-342 or 801-343 Receptacles with USB Female Interface to PC Tail or Solder Cup Termination

How To Order								
Sample Part Number	**801-342**	**NF**	**07**	**-16**	**2**	**A**	**A**	**H**

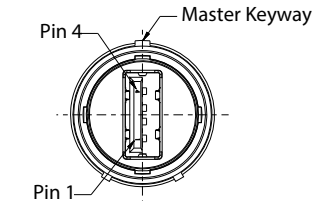
Series	**801-342** = PC Tail **801-343** = Solder Cup
Material and Finish[1]	**NF** = Aluminum/Cadmium, Olive Drab **M** = Aluminum/Electroless Nickel **MT** = Aluminum/Nickel PTFE **ZNU** = Aluminum/Black Zinc Nickel
Shell Style[1]	**02** = Front or Rear, Square Flange Panel Mount Receptacle **07** = Jam Nut Receptacle, Rear Panel Mount
Shell Size	**16** = Shell Size 16
USB Performance	**2** = USB 2.0
USB Type	**A** = Type A
Aternate Key Positions[1]	**A**, **B**, **C**, **D**, **E**, **F**
USB Orientation	**H** = Horizontal **V** = Vertical

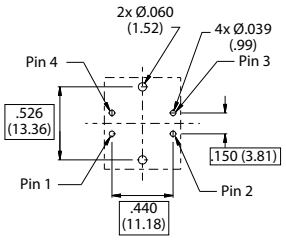
Dimensions							
Size Shell	**C Threads**	**Ø E**	**F Sq**	**G Bsc**	**Ø J**	**K Flat**	**M Threads**
16	1.0000-.1P-.2L-DS-2A	1.625 (41.28)	1.219 (30.96)	0.981 (24.92)	1.264 (32.11)	1.230 (31.24)	1.0625-20 UN-2A

USB 2.0 Wiring				
Pin	**Name**	**Cable Color (USB)**	**Description**	**Recommended Wire Size (AWG)**
1	(V Bus)	Red	+5 V	22
2	(D-)	White	Data -	28
3	(D+)	Green	Data +	28
4	(GND)	Black	Ground	22

USB 2.0 ORIENTATION OPTIONS

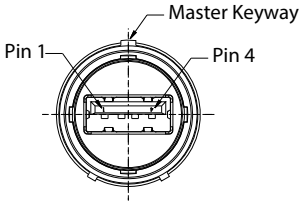
V (Vertical)

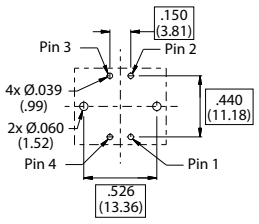




PCB Layout (Solder Side)

H (Horizontal)





PCB Layout (Solder Side)

PCB layouts apply to 801-342. USB orientation applies to 801-342 and 801-343

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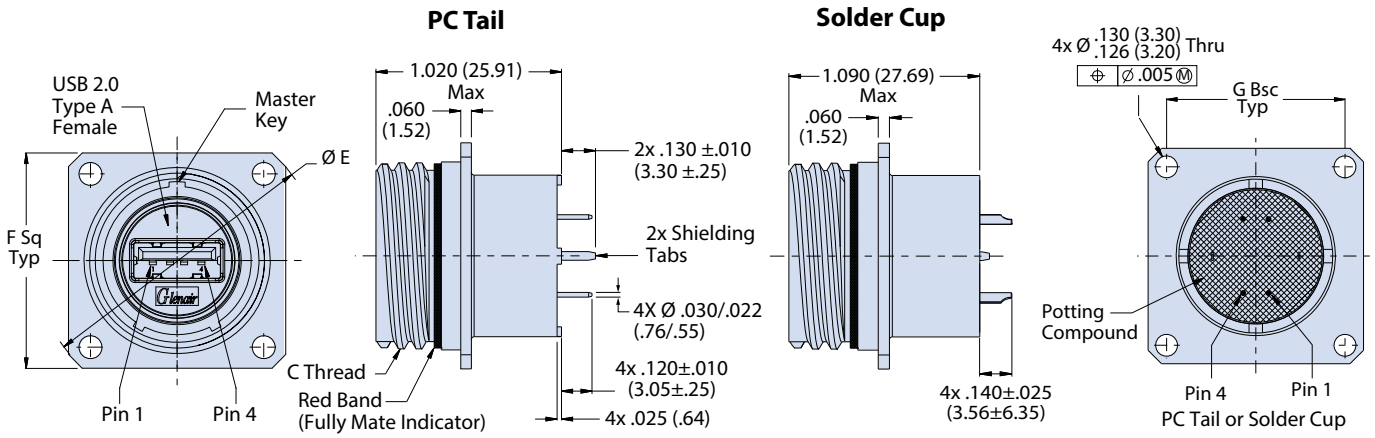
Dimensions in Inches (millimeters) are subject to change without notice.

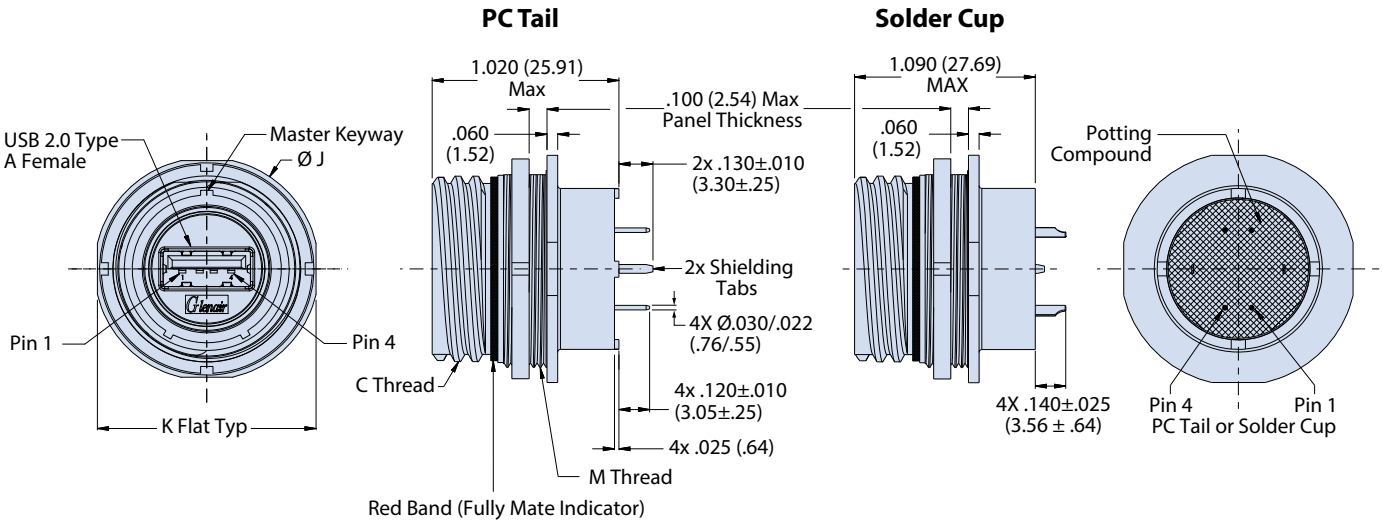
Series 801, 804 and 805 Mighty Mouse

801-342 or 801-343 Receptacles with USB Female Interface to PC Tail or Solder Cup Termination

SHELL STYLE 02 SQUARE FLANGE RECEPTACLE FOR 801-342 PC TAIL AND 801-343 SOLDER CUP



SHELL STYLE 07 JAM NUT RECEPTACLE FOR 801-342 PC TAIL AND 801-343 SOLDER CUP



NOTES

1. See Section A for recommended panel cutout dimensions, additional finishes and alternate keyway positions.
2. Meets IP67 sealing requirement in unmated condition
3. Material/Finish
   - Shell, jam nut: al alloy or cres
   - Seal/o-ring fluorosilicone
   - Sealant: RTV

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