

# SERIES 811 HIGH-DENSITY DOUBLE-START Mighty Mouse Connectors and Cables



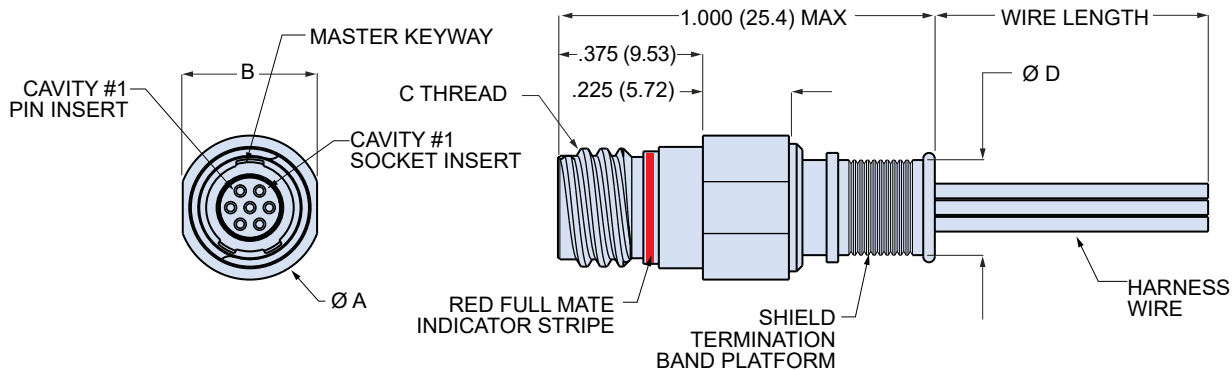
## Pre-Wired In-Line Receptacle Connector Pigtails



**Pre-Wired In-Line Receptacles** Series 811 Mighty Mouse High Density in-line receptacles feature damage-resistant double-start ACME mating threads and integral shielding/overmolding platforms. These receptacles are factory-terminated to insulated wire and backpotted with epoxy. The TwistPin contact system meets requirements of MIL-DTL-83513 and provides outstanding resistance to high levels of shock and vibration. Choose Type K general purpose Teflon® wire or Type J lightweight space-grade Tefzel® wire. 3A current rating, 600 VAC dielectric withstanding voltage.

How To Order									
<b>Sample Part Number</b>	<b>811-003-01</b>	<b>MT</b>	<b>5-7</b>	<b>S</b>	<b>A</b>	<b>8</b>	<b>K</b>	<b>7</b>	<b>-18</b>
<b>Series</b>	811-003-01 = Inline								
<b>Material/Finish</b>	See Material and Finish Table								
<b>Shell Size - Insert Arr.</b>	5-7 = 7 Contacts    6-12 = 12 Contacts    7-22 = 22 Contacts			8-30 = 30 Contacts    9-42 = 42 Contacts					
<b>Contact Type</b>	P = Pin Contacts    S = Socket Contacts								
<b>Key Position</b>	A = Normal    Alternate Key Positions: B, C, D, E, F								
<b>Wire size</b>	6 = #26 AWG    8 = #28 AWG (color code 1 or 7 only)			0 = #30 AWG (Wire Type J, color code 1 or 7 only)					
<b>Wire Type</b>	K = M22759/11    J = M22759-33    E = NEMA HP3-EB								
<b>Wire Color</b>	1 = White    5 = Color code per MIL-STD-681 (striped)*		7 = 10 Solid colors, repeating						
<b>Wire Length (inches)</b>	12, 18, 36, 72 Specify any length from 2 inches to 144 inches								

\*Size 28 AWG and Size 30 AWG J type wire not available in striped color code 5



Material and Finish		
Code	Material	Finish
ME	Aluminum	Electroless Nickel
MT	Aluminum	Nickel-PTFE
ZNU*	Aluminum	Zinc-Nickel with Black Chromate
ZR*	Aluminum	Zinc-Nickel with Black Chromate
Z1	Stainless Steel	Passivated

\* ZR and ZNU plating are identical, RoHS compliant and non-reflective. Capable of 500 hour dynamic corrosion performance

Dimensions							
Shell Size	Ø A		B Flat		C Thread	Ø D	
	In.	mm.	In.	mm.		In.	mm.
5	.375	9.53	.350	8.89	.3125-.05P-.1L-2A	.246	6.25
6	.415	10.54	.390	9.91	.3750-.05P-.1L-2A	.286	7.26
7	.500	12.70	.475	12.07	.4375-.05P-.1L-2A	.391	9.93
8	.580	14.73	.555	14.10	.5000-.05P-.1L-2A	.443	11.25
9	.635	16.13	.610	15.49	.5625-.05P-.1L-2A	.498	12.65

SERIES 811 HIGH-DENSITY