

Series 811 Mighty Mouse High Density (HD) Pre-Wired In-Line Receptacle Connectors

811-003-01



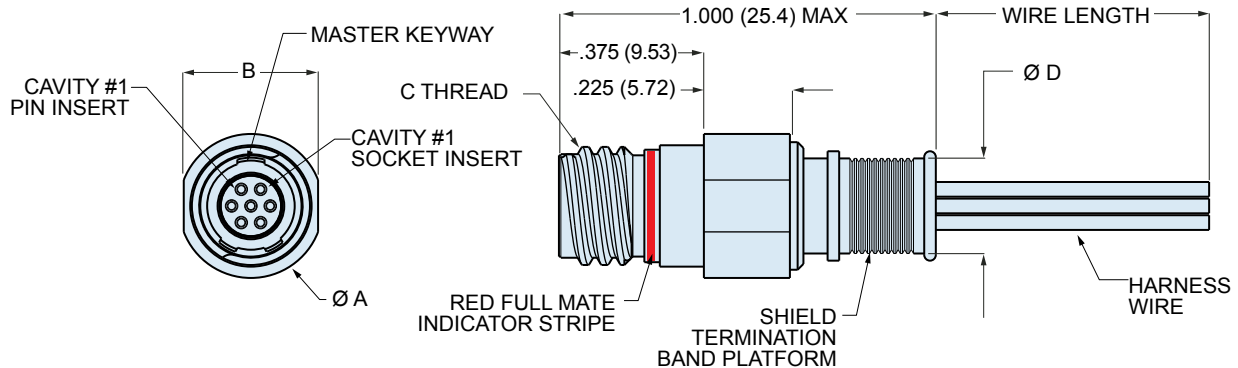
Mighty Mouse
High Density



In-Line Pigtail 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										
Sample Part Number	811-003-01	MT	5-7	S	A	8	K	7	-18	
Series	811-003-01 = Inline									
Material/Finish	See Material and Finish Table									
Shell Size - Insert Arr.	5-7 = 7 Contacts		6-12 = 12 Contacts		7-22 = 22 Contacts					
	8-30 = 30 Contacts		9-42 = 42 Contacts							
Contact Type	P = Pin Contacts		S = Socket Contacts							
Key Position	A = Normal Alternate Key Positions: B, C, D, E, F									
Wire size	6 = #26 AWG		8 = #28 AWG (color code 1 or 7 only)							
	0 = #30 AWG (Wire Type J, color code 1 or 7 only)									
Wire Type	K = M22759/11		J = M22759-33		E = NEMA HP3-EB					
Wire Color	1 = White		5 = Color code per MIL-STD-681 (striped)*			7 = 10 Solid colors, repeating				
Wire Length (inches)	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
ZNU*	Aluminum	Zinc-Nickel with Black Chromate
MT	Aluminum	Nickel-PTFE
ZR*	Aluminum	Zinc-Nickel with Black Chromate
Z1	Stainless Steel	Passivated

* ZR and ZNU plating are RoHS compliant, non-reflective and 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

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

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Series 80 Mighty Mouse

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