

Series 811 Mighty Mouse High Density (HD) Pre-Wired Jam Nut Receptacle Connectors

811-003-07 and 811-004-07



Mighty Mouse
High Density



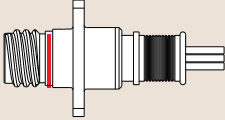
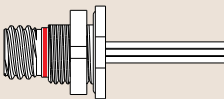
Jam Nut Pigtail Receptacles Series 811 Mighty Mouse High Density rear panel mount jam nut receptacles feature damage-resistant double-start ACME mating threads. These receptacles are factory-terminated to insulated wire and backpotted with epoxy. The TwistPin contact system meets requirements of MIL-DTL-83513 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.

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How To Order									
Sample Part Number	811-003-07	MT	5-7	P	A	6	K	7	-18
Series	811-003-07 = Jam Nut Mount with Band Platform 811-004-07 = Low Profile Jam Nut Mount, no Band Platform								
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-PTFE with Black Chromate
MT	Aluminum	Nickel-PTFE
ZR	Aluminum	Zinc-Nickel with Black Chromate
Z1	Stainless Steel	Passivated
ZR plating is RoHS compliant and non-reflective.		
ZNU plating is non-reflective and passes 1,000 hours salt spray testing		

Table I: Series	
	
811-003-07 Panel Mount Jam Nut Receptacle Banding Platform	811-004-07 Low Profile Panel Mount Jam Nut Receptacle, No Band Platform

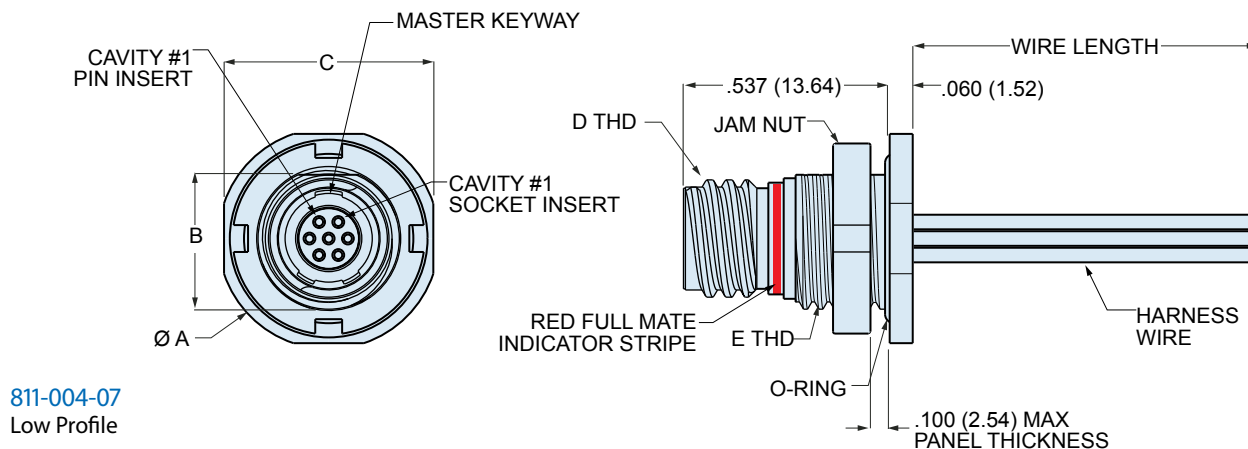
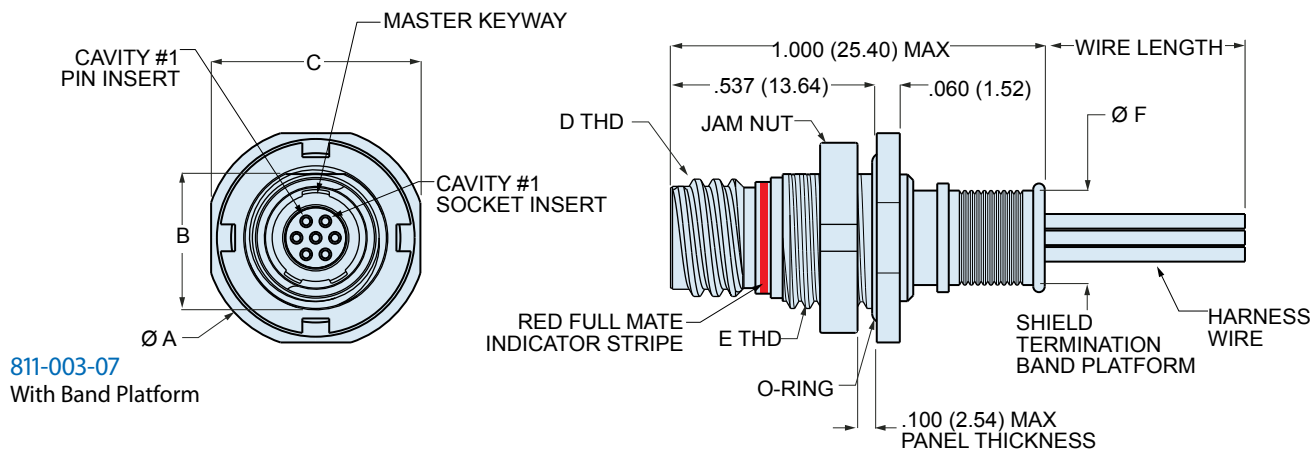
Dimensions in Inches (millimeters) are subject to change without notice.



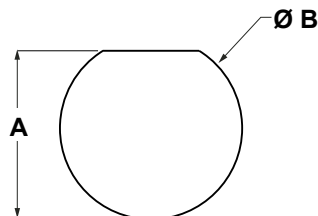
Series 811 Mighty Mouse High Density (HD) Pre-Wired Jam Nut Receptacle Connectors

811-003-07 and 811-004-07

Square flange receptacle, low profile or with band platform



Dimensions										
Shell Size	Ø A		B		C		D Thread	E THD UN-2A	Ø F	
	In.	mm.	In.	mm.	In.	mm.			In.	mm.
5	.575	14.61	.350	8.89	.545	13.84	.3125-.05P-.1L-2A	.375-28	.246	6.25
6	.635	16.13	.410	10.41	.595	15.11	.3750-.05P-.1L-2A	.4375-28	.286	7.26
7	.755	19.18	.536	13.61	.723	18.36	.4375-.05P-.1L-2A	.5625-32	.391	9.93
8	.755	19.18	.536	13.61	.723	18.36	.5000-.05P-.1L-2A	.5625-32	.443	11.25
9	.830	21.08	.596	15.14	.790	20.07	.5625-.05P-.1L-2A	.625-28	.498	12.65



Panel Cutout				
Shell Size	A		B Ø	
	In.±.002	mm.±0.05	In.±.002	mm.±0.05
5	.356	9.04	.385	9.78
6	.416	10.57	.447	11.35
7	.542	13.77	.572	14.53
8	.542	13.77	.572	14.53
9	.602	15.29	.635	16.13

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