



Mighty Mouse Connectors with Size #8 Quadrax, Twinax, Coax or Power Contacts

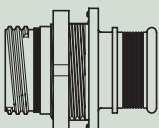
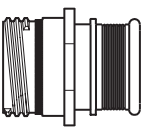
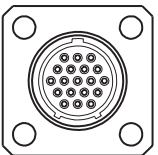
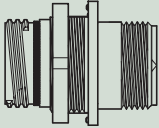
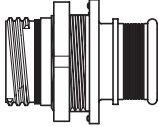
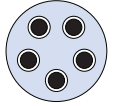
Series 801 Receptacles



SERIES 801 RECEPTACLE CONNECTORS WITH SIZE #8 CONTACTS

New Mighty Mouse contact arrangements accept size #8 contacts for power, Ethernet or high frequency coax applications. Series 801 Mighty Mouse receptacles feature damage-resistant double-start ACME mating threads. Available for rear panel jam nut mounting, in-line or square flange styles, these receptacles are supplied with power contacts (contact types P or S). Or, specify contact types A or B for connectors supplied less power contacts for use with quadrax, twinax or coax contacts purchased separately. Contacts are crimp type and are snap-in, rear-release with plastic extraction tool sold separately. Aluminum or stainless steel shell, thermoplastic insulators, fluorosilicone rubber seals.

Optional wire sealing boot is recommended. See boot ordering information on page 9.

How to Order					
Sample Part Number					
801-010	-02	Z1	17-3	P	A
Series	Shell Style	Shell Material / Finish	Shell Size- Insert Arrangement	Contact Type	Shell Key Position
 801-009 Receptacle with Banding Platform	 -01 In-Line For Free-Hanging Cables	M Aluminum / Electroless Nickel RoHS Compliant	 8-1	Connector supplied with size #8 power contacts	A Normal Alternate Key Positions: B C D E F
	 -02 Square Flange For Front or Rear Mounting	NF Aluminum / Cadmium with Olive Drab Chromate	 16-2	Pin, with #8 power contacts	
		ZR Aluminum / Zinc-Nickel with Non-Reflective Black Chromate RoHS Compliant	 17-3	Socket, with #8 power contacts	
		MT Aluminum / Nickel-PTFE RoHS Compliant	 19-4	Connector supplied without contacts. (Order quadrax, twinax or coax contacts separately.)	
 801-010 Receptacle with Accessory Thread	 -07 Jam Nut For Rear Panel Mounting	Z1 Stainless Steel / Passivated RoHS Compliant	 21-5	Pin connector, less contacts	
				Socket connector, less contacts	

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

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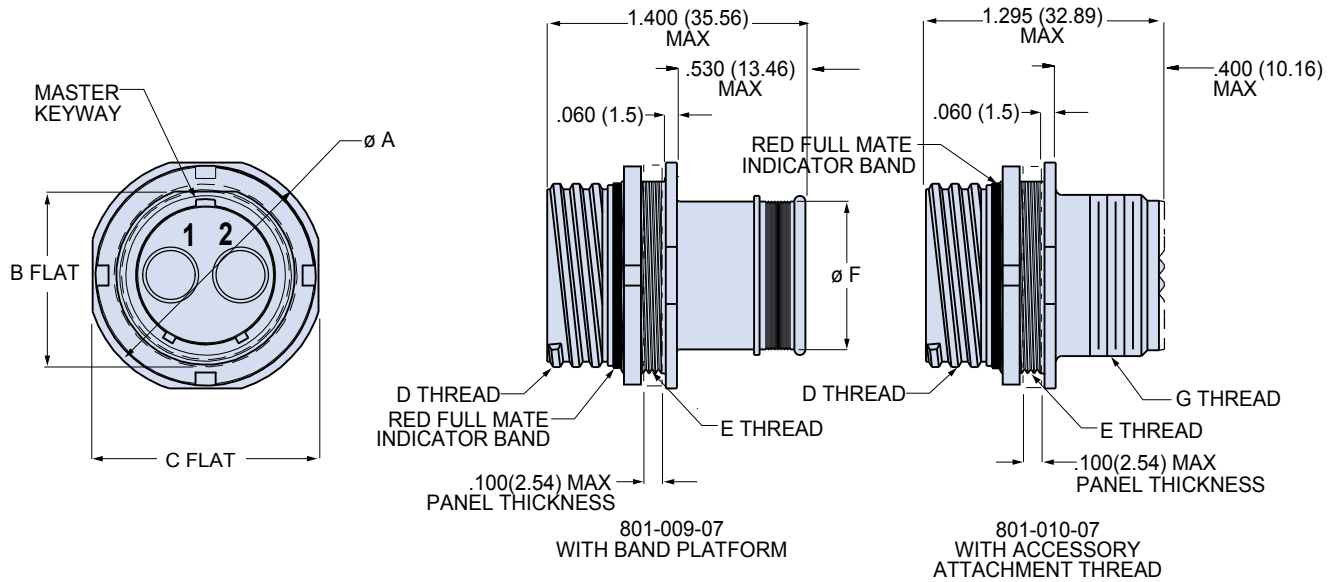
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Sr. 801 Receptacles

SERIES 801 JAM NUT RECEPTACLES



Dimensions											
Shell Size- Arr.	Ø A		B Flat		C Flat		D Thread	E Thread UN-2A	Ø F		G Thread UNEF-2A
	In.	mm.	In.	mm.	In.	mm.			In.	mm.	
8-1	.755	19.77	.536	13.61	.723	18.36	.5000-.05P-.1L-DS-2A	.5625-32	.445	11.30	.5000-28
16-2	1.264	32.11	1.022	25.96	1.230	31.24	1.000-.1P-.2L-DS-2A	1.0625-20	.805	20.45	.9375-20
17-3	1.325	33.66	1.096	27.84	1.290	32.77	1.0625-.1P-.2L-DS-2A	1.125-28	.850	21.59	.9375-20
19-4	1.450	36.83	1.225	31.12	1.415	35.94	1.1875-.1P-.2L-DS-2A	1.250-28	.956	24.28	1.0625-18
21-5	1.625	41.28	1.345	34.16	1.577	40.06	1.3125-.1P-.2L-DS-2A	1.375-28	1.110	28.19	1.1875-18

Jam Nut Panel Cutout					
Shell Size	A Flat		Ø B		Ø B
	In.	mm.	In.	mm.	
8	± .002	± 0.05	± .002	± 0.05	
16	.542	13.77	.573	14.55	
17	1.028	26.11	1.075	27.31	
19	1.102	27.99	1.135	28.83	
21	1.233	31.32	1.260	32.00	
	1.354	34.39	1.385	35.18	

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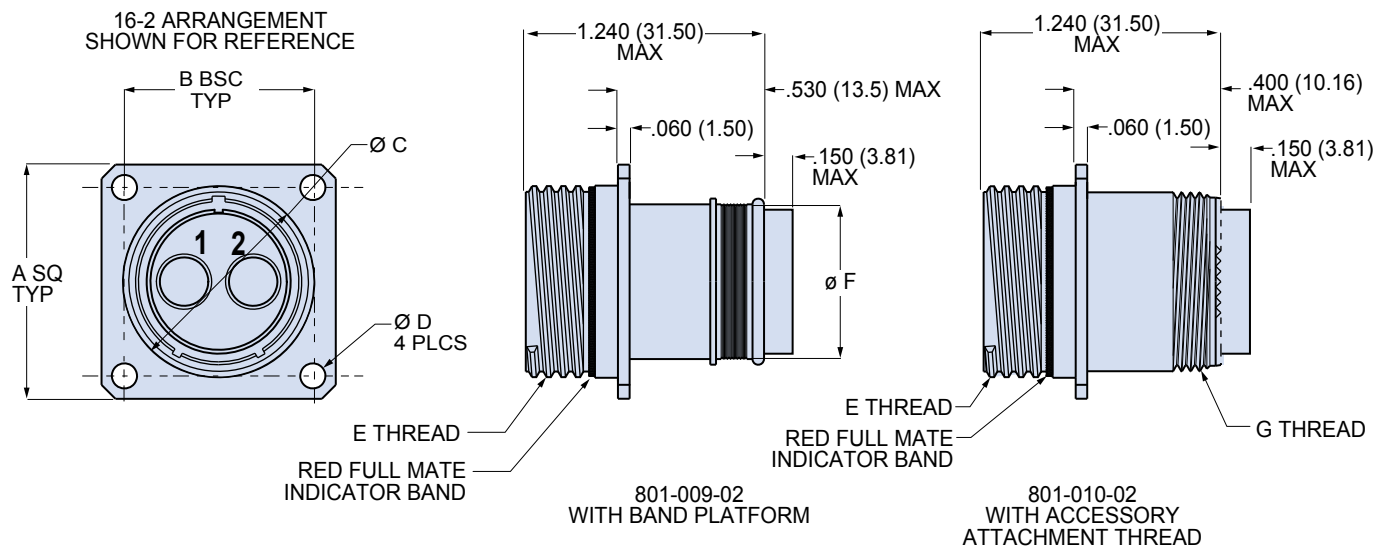
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SERIES 801 SQUARE FLANGE RECEPTACLES

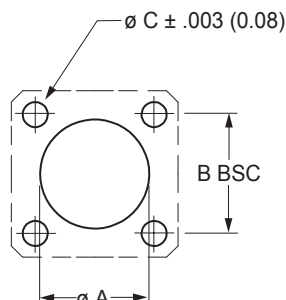


Dimensions

Shell Size- Arr.	A		B BSC		Ø C		Ø D		E Thread	Ø F		G Thread UNEF-2A
	In.	mm.	In.	mm.	In.	mm.	In. ±.003	mm. ±.08		In.	mm.	
8-1	.712	18.08	.545	13.84	.938	23.83	.093	2.36	.5000-.05P-.1L-DS-2A	.445	11.30	.5000-28
16-2	1.219	30.96	.981	24.92	1.625	41.28	.128	3.25	1.000-.1P-.2L-DS-2A	.805	20.45	.9375-20
17-3	1.280	32.51	1.060	26.92	1.700	43.18	.128	3.25	1.0625-.1P-.2L-DS-2A	.850	21.59	.9375-20
19-4	1.432	36.37	1.191	30.25	1.900	48.26	.128	3.25	1.1875-.1P-.2L-DS-2A	.956	24.28	1.0625-18
21-5	1.430	36.32	1.205	30.61	1.938	49.23	.128	3.25	1.3125-.1P-.2L-DS-2A	1.110	28.19	1.1875-18

SQUARE FLANGE PANEL CUTOUT

Shell Size	Ø A		B		Ø C	
	In	mm.	In	mm.	In	mm.
8	.515	13.08	.545	13.84	.093	2.36
16	1.015	25.78	.981	24.92	.128	3.25
17	1.078	27.38	1.060	26.92	.128	3.25
19	1.203	30.56	1.191	30.25	.128	3.25
21	1.325	33.66	1.205	30.61	.128	3.25



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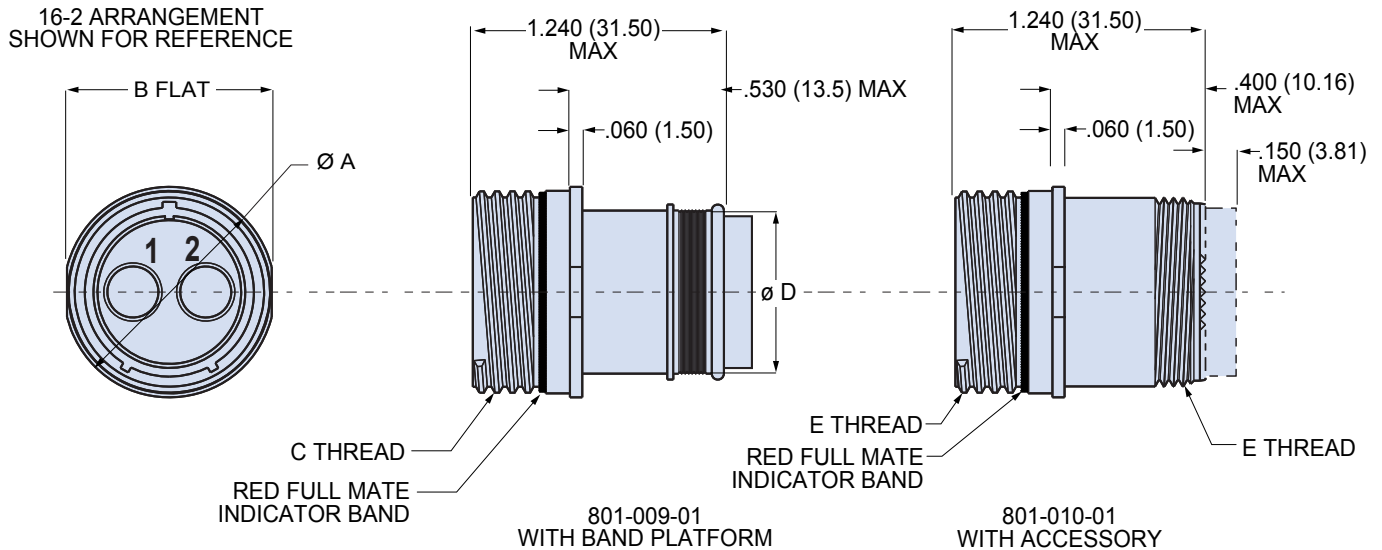
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SERIES 801 IN-LINE RECEPTACLES

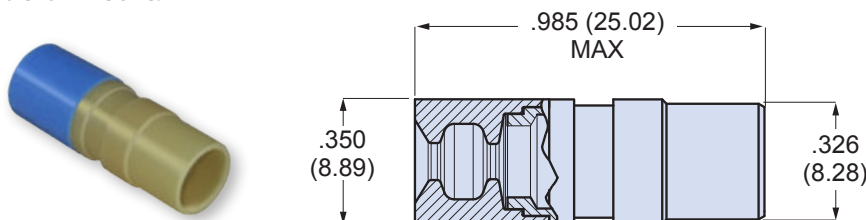


Dimensions								
Shell Size- Arr.	Ø A		B Flat		C Thread	Ø D		E Thread UNEF-2A
	In.	mm.	In.	mm.		In.	mm.	
8-1	.540	13.72	.510	12.95	.5000-.05P-.1L-DS-2A	.445	11.30	.5000-28
16-2	1.040	26.42	1.010	25.65	1.000-.1P-.2L-DS-2A	.805	20.45	.9375-20
17-3	1.110	28.19	1.070	27.18	1.0625-.1P-.2L-DS-2A	.850	21.59	.9375-20
19-4	1.243	31.57	1.191	30.25	1.1875-.1P-.2L-DS-2A	.956	24.28	1.0625-18
21-5	1.405	35.69	1.385	35.18	1.3125-.1P-.2L-DS-2A	1.110	28.19	1.1875-18

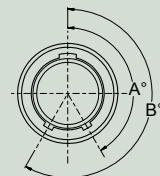
SEALING BOOT

Sealing boot provides wire seal. Slide boot onto wire before terminating contact. After contact is installed in connector, slide boot forward into connector grommet to seal the contact cavity. "F" suffix on contact part number specifies contact supplied with boot. See table for wire size.

Wire Dia. (in.)	Wire Dia. (mm.)	Part Number
.090 - .130	2.3 - 3.3	859-042-01
.130 - .170	3.3 - 4.3	859-042-02
.170 - .205	4.3 - 5.2	859-042-03



RECEPTACLE KEY POSITIONS



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

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