



Series 841 Stinger™ Mighty Mouse Double-Start ACME Thread Receptacle

841-003 and 841-004 Ordering Information



Series 841 Mighty Mouse Receptacle with Stinger™ Contacts. Durable, low insertion force, front release size #28 contacts feature integrated retention clips and O-ring sealing for optimized performance. All 841 series shells feature a double-start modified stub ACME mating thread for improved protection against cross-mating and thread damage. Connector shells are machined aluminum or stainless steel and available in in-line, rear panel mount jam-nut and square flange. Available in shell sizes 5 to 11 with 7 contact arrangements. All arrangements include a minimum of two guide pins.

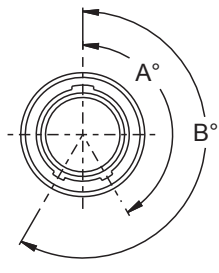
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How To Order	
Sample Part Number	841-003 -07 ZNU 6-10 P A
Series (See Table I)	841-003 = Receptacle with Integrated Banding Porch 841-004 = Receptacle with Accessory Thread
Shell Style (See Table II)	-01 = In-Line Receptacle for Free-Hanging Cables -02 = Thru Hole Square Flange Receptacle for Front or Rear Panel Mounting -12 = Square Flange Receptacle for Rear Panel Mounting with "Non-Locking" Clinch Nuts -22 = Square Flange Receptacle for Rear Panel Mounting with "Locking" Clinch Nuts -07 = Jam Nut Receptacle for Rear Panel Mounting
Material and Finish	M = Aluminum/Electroless Nickel RoHS Compliant MT = Aluminum/Nickel-PTFE RoHS Compliant NF = Aluminum/Cadmium with Olive Drab Chromate ZNU = Aluminum/Zinc-Nickel with Black Chromate Z1 = Stainless Steel/Passivated RoHS Compliant
Shell Size - Insert Arrangement	5-5, 6-10, 7-20, 8-28, 9-40, 10-58, 11-71
Contact Type	P = Pin with O-ring S = Socket with O-ring
Shell Key Positions (See Table I)	A = Normal B = Pos. B C = Pos. C D = Pos. D E = Pos. F F = Pos. F

Table I: Series	
841-003 Banding Platform	841-004 Rear Accessory Thread

Table II: Shell Style		
Style -01 In-line	Style -02/-12/-22 Square Flange	Style -07 Jam Nut

Table III: Keyway Positions		
	A°	B°
A	150°	210°
B	75°	210°
C	95°	230°
D	140°	275°
E	75°	275°
F	95°	210°



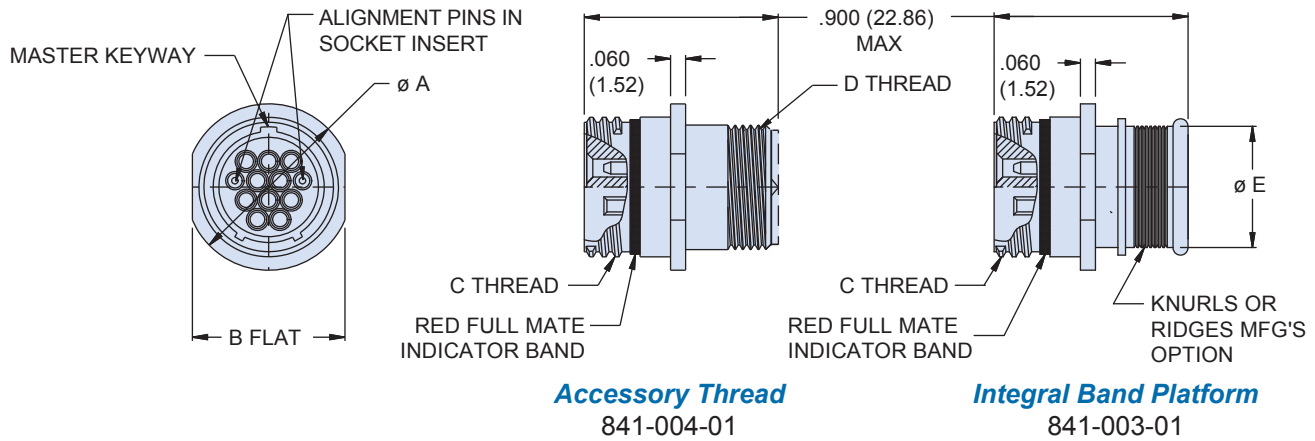
Dimensions in Inches (millimeters) are subject to change without notice.

Series 841 Stinger™ Mighty Mouse Double-Start ACME Thread Receptacle

841-003 and 841-004 - Shell Style 01 and 02 Dimensions

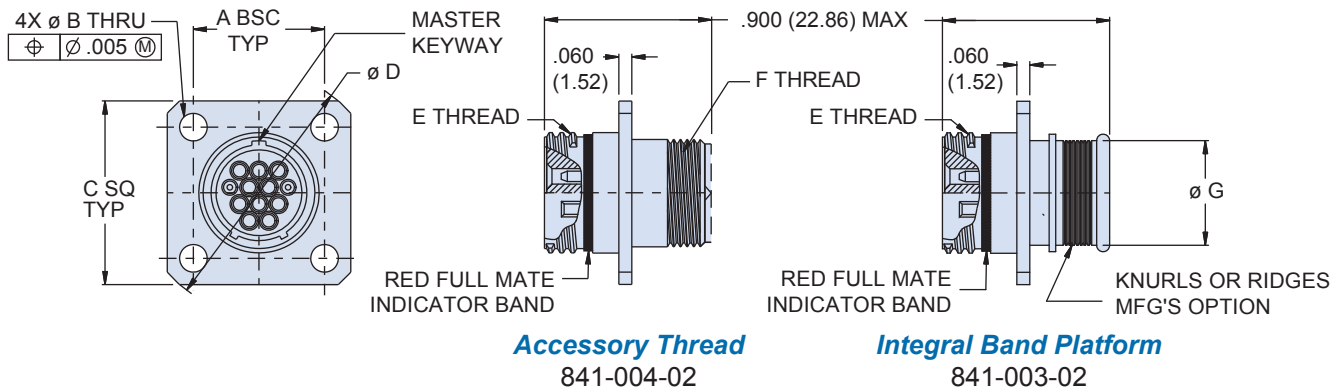


Inline receptacle - shell style 01



Shell Size	Ø A		B Flat		C Thread		D Thread		Ø E	
	in	mm	in	mm					in	mm
	5	0.355	9.02	0.325	8.26	.3125-.05P-.1L-DS-2A	.2500-32 UNEF-2A	0.245	6.22	
6	0.415	10.54	0.385	9.78	.3750-.05P-.1L-DS-2A	.3125-23 UNEF-2A	0.290	7.37		
7	0.480	12.19	0.445	11.30	.4375-.05P-.1L-DS-2A	.4375-28 UNEF-2A	0.390	9.91		
8	0.540	13.72	0.510	12.95	.5000-.05P-.1L-DS-2A	.5000-28 UNEF-2A	0.445	11.30		
9	0.605	15.37	0.575	14.61	.5625-.05P-.1L-DS-2A	.5625-24 UNEF-2A	0.500	12.70		
10	0.665	16.89	0.635	16.13	.6250-.05P-.1L-DS-2A	.6250-24 UNEF-2A	0.560	14.22		
11	0.730	18.54	0.700	17.78	.6875-.05P-.1L-DS-2A	.6875-24 UNEF-2A	0.605	15.37		

Square flange, front or rear mount receptacle - shell style 02



Shell Size	A BSC		B Holes		C SQ		Ø D		E Thread		F Thread		Ø G	
	in	mm	in	mm	in	mm	in	mm					in	mm
	5	0.363	9.22	.096	2.44	0.530	13.46	0.680	17.27	.3125-.05P-.1L-DS-2A	.2500-32 UNEF-2A	0.245	6.22	
6	0.423	10.74	2.44		0.590	14.99	0.750	19.05	.3750-.05P-.1L-DS-2A	.3125-23 UNEF-2A	0.290	7.37		
7	0.483	12.27	2.31		0.650	16.51	0.850	21.59	.4375-.05P-.1L-DS-2A	.4375-28 UNEF-2A	0.390	9.91		
8	0.545	13.84	.130	3.30	0.712	18.08	0.938	23.83	.5000-.05P-.1L-DS-2A	.5000-28 UNEF-2A	0.445	11.30		
9	0.607	15.42		3.20	0.850	21.59	1.125	28.58	.5625-.05P-.1L-DS-2A	.5625-24 UNEF-2A	0.500	12.70		
10	0.670	17.02		3.20	0.890	22.61	1.188	30.18	.6250-.05P-.1L-DS-2A	.6250-24 UNEF-2A	0.560	14.22		
11	0.715	18.16	.126	3.20	0.935	23.75	1.250	31.75	.6875-.05P-.1L-DS-2A	.6875-24 UNEF-2A	0.605	15.37		

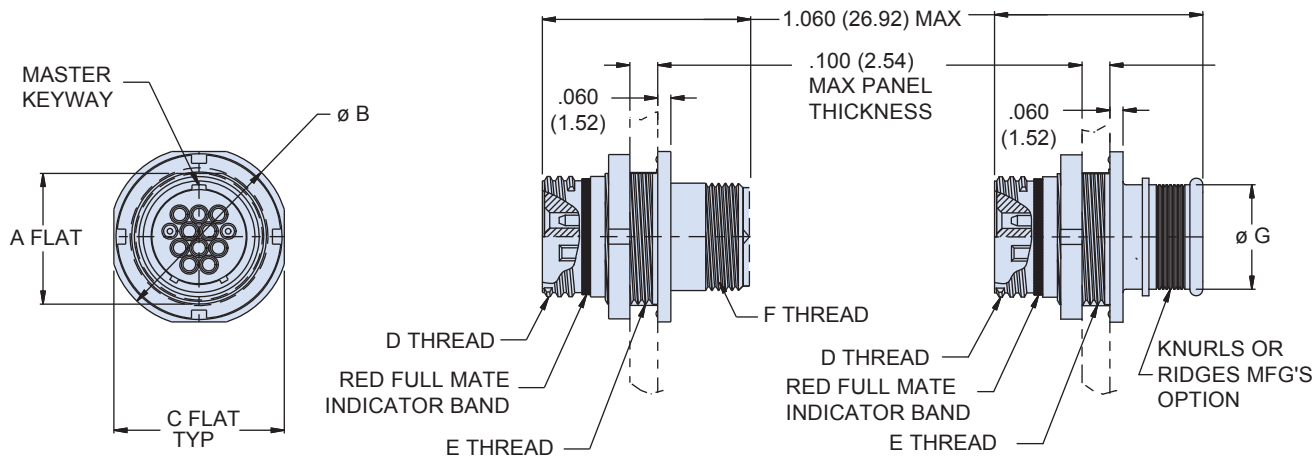
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Series 841 Stinger™ Mighty Mouse Double-Start ACME Thread Receptacle

841-003 and 841-004 - Shell Style 07 Dimensions

Jam nut, rear panel mount receptacle - shell style 07



Accessory Thread
841-004-07

Integral Band Platform
841-003-07

Dimensions

Shell Size	A Flat		Ø B		C Flat		D Thread	E Thread	F Thread	Ø G	
	In	mm	In	mm	In	mm				In	mm
5	0.350	8.89	0.575	14.61	0.545	13.84	.3125-.05P-.1L-DS-2A	.3750-28 UN-2A	.2500-32 UNEF-2A	.245	6.22
6	0.410	10.41	0.635	16.13	0.595	15.11	.3750-.05P-.1L-DS-2A	.4375-28 UNEF-2A	.3125-32 UNEF-2A	.290	7.37
7	0.536	13.61	0.755	19.18	0.723	18.36	.4375-.05P-.1L-DS-2A	.5625-32 UN-2A	.4375-28 UNEF-2A	.390	9.91
8	0.536	13.61	0.755	19.18	0.723	18.36	.5000-.05P-.1L-DS-2A	.5625-32 UN-2A	.5000-28 UNEF-2A	.445	11.30
9	0.596	15.14	0.830	21.08	0.790	20.07	.5625-.05P-.1L-DS-2A	.6250-28 UN-2A	.5625-24 UNEF-2A	.500	12.70
10	0.658	16.71	0.890	22.61	0.855	21.72	.6250-.05P-.1L-DS-2A	.6875-28 UN-2A	.6250-24 UNEF-2A	.560	14.22
11	0.718	18.24	0.960	24.38	0.925	23.50	.6875-.05P-.1L-DS-2A	.7500-28 UN-2A	.6875-24 UNEF-2A	.605	15.37

Panel Cutout Dimensions

N Flat		Ø P	
in	mm	in	mm
.358	9.09	.385	9.78
.354	8.99		
.418	10.62	.448	11.38
.414	10.52		
.544	13.82	.573	14.55
.540	13.72		
.544	13.82	.573	14.55
.540	13.72		
.604	15.34	.635	16.13
.600	15.24		
.668	16.97	.698	17.73
.664	16.87		
.728	18.49	.760	19.30
.724	18.39		

Diagram of the panel cutout showing a circular hole with diameter Ø P and a rectangular cutout with height N FLAT. The cutout is centered on the diameter.

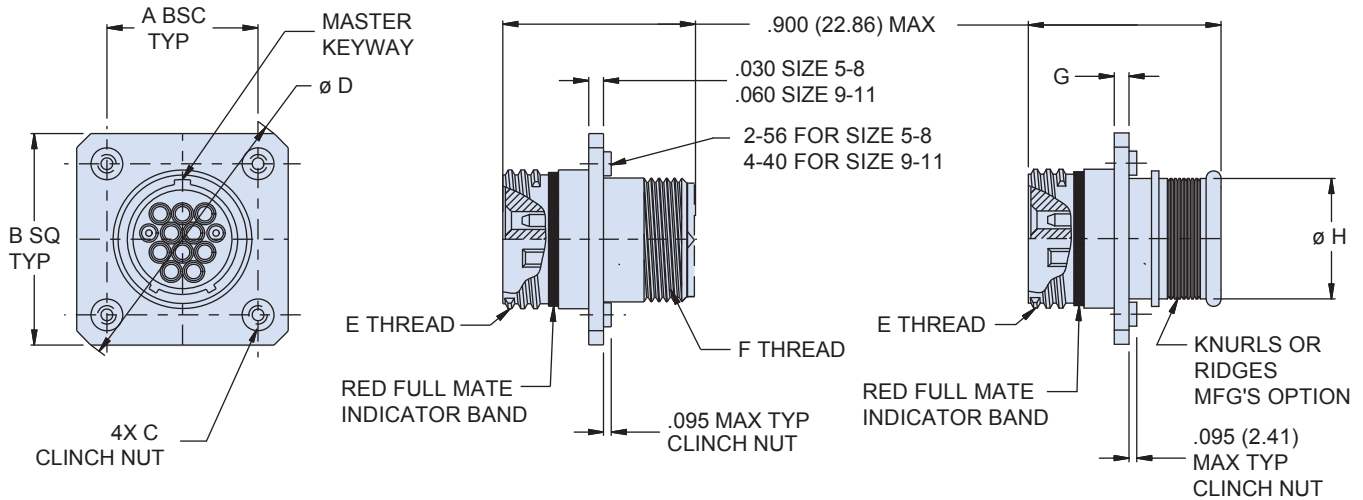
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Series 841 Stinger™ Mighty Mouse Double-Start ACME Thread Receptacle

841-003 and 841-004 - Shell Style 12/22 Dimensions



Square flange, rear panel mount receptacle - shell style 12/22

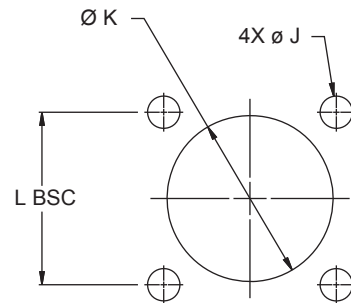


Accessory Thread
841-004-12 and 841-004-22

Integral Band Platform
841-003-12 and 841-003-22

Dimensions													
Shell Size	A BSC		B Sq		C Clinch	ϕD		E Thread	F Thread	G		ϕH	
	in	mm	in	mm		in	mm			in	mm	in	mm
5	0.363	9.22	0.623	15.82	2-56	.774	19.66	.3125-.05P-.1L-DS-2A	.2500-32 UNEF-2A	.030	.76	0.245	6.22
6	0.423	10.74	0.683	17.35		.860	21.84	.3750-.05P-.1L-DS-2A	.3125-23 UNEF-2A			0.290	7.37
7	0.483	12.27	0.743	18.87		.944	23.98	.4375-.05P-.1L-DS-2A	.4375-28 UNEF-2A			0.390	9.91
8	0.545	13.84	0.805	20.45		1.032	26.21	.5000-.05P-.1L-DS-2A	.5000-28 UNEF-2A			0.445	11.30
9	0.607	15.42	0.927	23.55		1.180	29.97	.5625-.05P-.1L-DS-2A	.5625-24 UNEF-2A			0.500	12.70
10	0.670	17.02	0.990	25.15	4-40	1.268	32.21	.6250-.05P-.1L-DS-2A	.6250-24 UNEF-2A	.060	1.52	0.560	14.22
11	0.715	18.16	1.035	26.29		1.331	33.81	.6875-.05P-.1L-DS-2A	.6875-24 UNEF-2A			0.605	15.37

Panel Cutout Dimensions						
Shell Size	ϕJ		ϕK		L BSC	
	in	mm	in	mm	in	mm
5	.096 .091	2.44 2.31	.328	8.33	.363	9.22
6			.390	9.91	.423	10.74
7			.453	11.51	.483	12.27
8			.515	13.08	.545	13.84
9	.130 .126	3.30 3.20	.578	14.68	.607	15.42
10			.640	16.26	.670	17.02
11			.703	17.86	.715	18.16



-02 FLANGE
-12 & 22 FLANGE
PANEL CUTOUT

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