



Series 845 Stinger™ Mighty Mouse Triple-Start ACME Thread Receptacle

845-003 and 845-004 Ordering Information



Series 845 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. Series 845 shells feature a Triple-start stub ACME mating thread for improved protection against cross-mating and thread damage. Connector shells are machined aluminum or stainless steel. Available in shell sizes 8 through 13 with 6 contact arrangements. All arrangements include a minimum of two guide pins.

M

How To Order

Sample Part Number	845-004	-07	M	8-10	P	A
Series (See Table I)	845-003 = Plug with Integral Banding Porch 845-004 = Plug with Accessory Thread					
Shell Style (See Table II)	-01 = In-line -02 = Square Flange Front or Rear Mount -12 = Square Flange Rear Mount Non-Locking Clinch Nuts -22 = Square Flange Rear Mount Locking Clinch Nuts -07 = Jam Nut for Rear Panel Mounting					
Shell Material and Finish	C = Aluminum/Black Anodize (Non-Conductive); RoHS Compliant M = Aluminum/Electroless Nickel; RoHS Compliant MT = Aluminum/Nickel-PTFE RoHS Compliant NF = Aluminum/Cadmium with Olive Drab Chromate ZN = Aluminum/Zinc-Nickel with Olive Drab Chromate ZNU = Aluminum/Zinc-Nickel with Black Chromate Z1 = Stainless Steel/Passivated; RoHS Compliant ZB = Stainless Steel/Olive Drab Chromate over Cadmium ZC = Stainless Steel/Zinc Cobalt Alloy/Black Chromate					
Shell Size - Insert Arrangement	8-10, 9-20, 10-28, 11-40, 12-58, 13-71					
Contact Type	P = Pin with O-ring S = Socket with O-ring					
Shell Key Positions (See Table II)	A = Normal B = Pos. B C = Pos. C D = Pos. D E = Pos. F F = Pos. F					

Table I: Series

845-003 Receptacle with Banding Platform	845-004 Receptacle with Accessory Thread

Table II: Shell Style

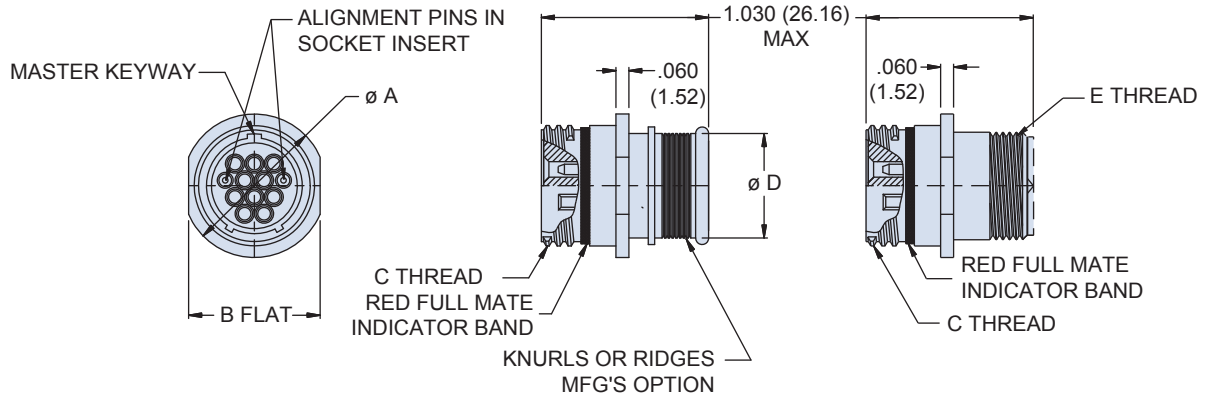
-01 Receptacle with Banding Platform	-02, -12, -22 Square Flange	-07 Jam Nut

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

Series 845 Stinger™ Mighty Mouse
Triple-Start ACME Thread Receptacle
845-003 and 845-004 - Shell Style 01 Dimensions



In-line receptacle - shell style 01



Integral Band Platform
845-003-01

Accessory Thread
845-004-01

Dimensions								
Shell Size	ϕA		B Flat		C Thread	ϕD		E Thread
	In	mm	In	mm		In	mm	
8	0.540	13.72	0.510	12.95	.5000-1P-3L-TS-2A	.316	8.03	.3750-32 UNEF-2A
9	0.605	15.37	0.575	14.61	.5625-1P-3L-TS-2A	.397	10.08	.4375-28 UNEF-2A
10	0.668	16.97	0.638	16.21	.6250-1P-3L-TS-2A	.472	11.99	.5000-28 UNEF-2A
11	0.730	18.54	0.700	17.78	.6875-1P-3L-TS-2A	.519	13.18	.5625-24 UNEF-2A
12	0.793	20.14	0.763	19.38	.7500-1P-3L-TS-2A	.585	14.86	.6250-24 UNEF-2A
13	0.855	21.72	0.825	20.96	.8125-1P-3L-TS-2A	.646	16.41	.6875-24 UNEF-2A

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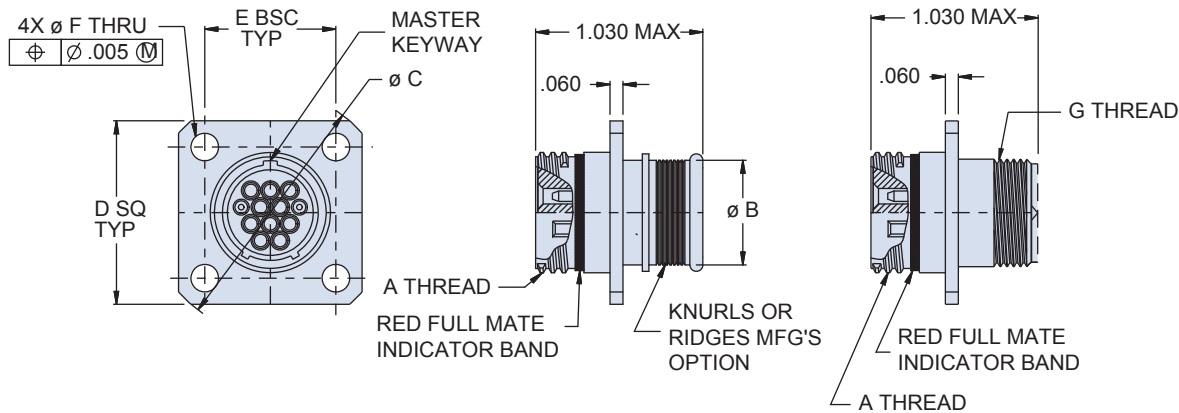




Series 845 Stinger™ Mighty Mouse Triple-Start ACME Thread Receptacle

845-003 and 845-004 - Shell Style 02 Dimensions

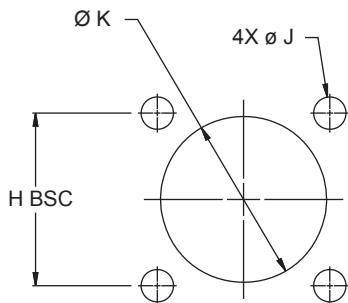
Square flange receptacle for front or rear panel mounting - shell style 02



Integral Band Platform
845-003-02

Accessory Thread
845-004-02

Dimensions												
Shell Size	A Thread	\varnothing B		\varnothing C		\varnothing D Sq		E BSC		F Holes		G Thread
		In	mm	In	mm	In	mm	In	mm	In	mm	
8	.5000-1P-3L-TS-2A	.316	8.03	1.150	29.21	0.850	21.59	0.660	16.76	.096 .091	2.43 2.31	.3750-32 UNEF-2A
9	.5625-1P-3L-TS-2A	.397	10.08	1.230	31.24	0.913	23.19	0.723	18.36			.4375-28 UNEF-2A
10	.6250-1P-3L-TS-2A	.472	11.99	1.330	33.78	0.975	24.77	0.785	19.94			.5000-28 UNEF-2A
11	.6875-1P-3L-TS-2A	.519	13.18	1.410	35.81	1.039	26.39	0.848	21.54			.5625-24 UNEF-2A
12	.7500-1P-3L-TS-2A	.585	14.86	1.500	38.10	1.099	27.91	0.909	23.09			.6250-24 UNEF-2A
13	.8125-1P-3L-TS-2A	.646	16.41	1.590	40.39	1.163	29.54	0.973	24.71			.6875-24 UNEF-2A



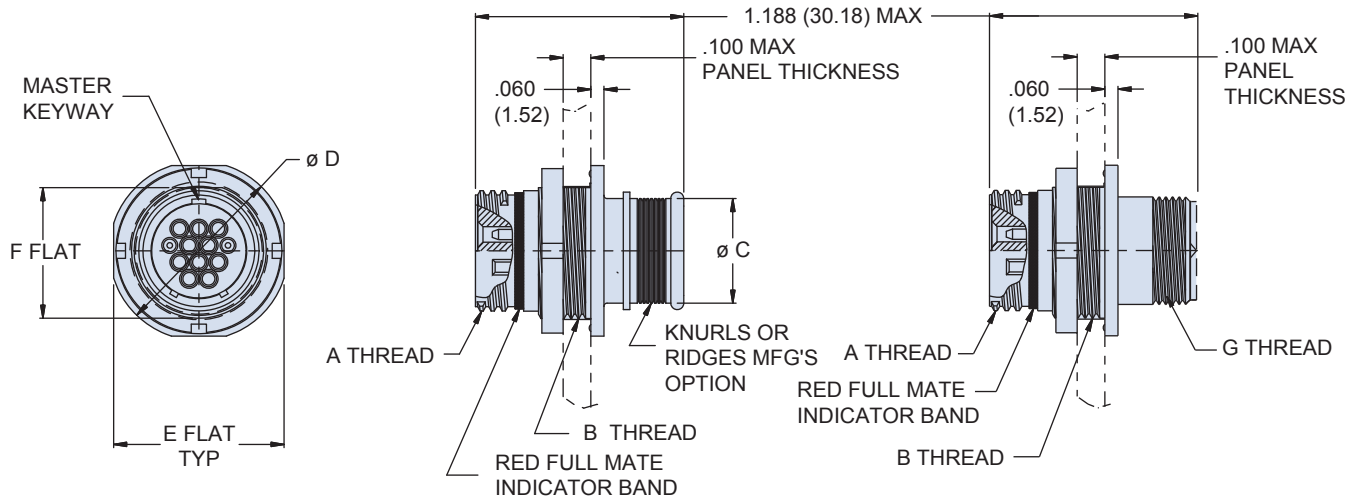
Shell Size	H Bsc		\varnothing J		\varnothing K	
	In	mm	In	mm	In	mm
8	.660	16.76	.096 .091	2.44 2.31	.515	13.08
9	.723	18.36			.578	14.68
10	.785	19.94			.640	16.26
11	.848	21.54			.703	17.86
12	.909	23.09			.765	19.43
13	.973	24.71			.828	21.03

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Series 845 Stinger™ Mighty Mouse
Triple-Start ACME Thread Receptacle
845-003 and 845-004 - Shell Style 07 Dimensions



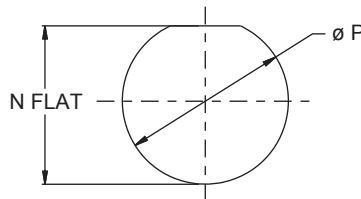
Jam nut receptacle for rear panel mounting - shell style 07



Integral Band Platform
845-003-07

Accessory Thread
845-004-07

Dimensions											
Shell Size	A Thread	B Thread	Ø C		Ø D		E Flat		F Flat		G Thread
			in	mm	in	mm	in	mm	in	mm	
8	.5000-1P-3L-TS-2A	.5625-28 UNEF-2A	.316	8.03	0.760	19.30	0.730	18.54	0.535	13.59	.3750-32 UNEF-2A
	.5625-1P-3L-TS-2A	.6875-28 UN-2A	.397	10.08	0.880	22.35	0.850	21.59	0.661	16.79	.4375-28 UNEF-2A
10	.6250-1P-3L-TS-2A	.6875-28 UN-2A	.472	11.99	0.880	22.35	0.850	21.59	0.661	16.79	.5000-28 UNEF-2A
11	.6875-1P-3L-TS-2A	.7500-28 UN-2A	.519	13.18	0.955	24.26	0.925	23.50	0.721	18.31	.5625-24 UNEF-2A
12	.7500-1P-3L-TS-2A	.8125-28 UN-2A	.585	14.86	1.060	26.92	1.035	26.29	0.784	19.91	.6250-24 UNEF-2A
13	.8125-1P-3L-TS-2A	.8750-28 UN-2A	.646	16.41	1.120	28.45	1.090	27.69	0.843	21.41	.6875-24 UNEF-2A



Panel Cut Out Dimensions				
Shell Size	Ø N		Ø P	
	In	mm	In	mm
8	.547	13.89	.575	14.61
	.543	13.79	.571	14.50
9	.673	17.09	.700	17.78
	.669	16.99	.696	17.68
10	.673	17.09	.700	17.78
	.669	16.99	.696	17.68
11	.733	18.62	.762	19.35
	.729	18.52	.758	19.25
12	.796	20.22	.825	20.96
	.792	20.12	.821	20.85
13	.853	21.67	.887	22.53
	.849	21.56	.883	22.43

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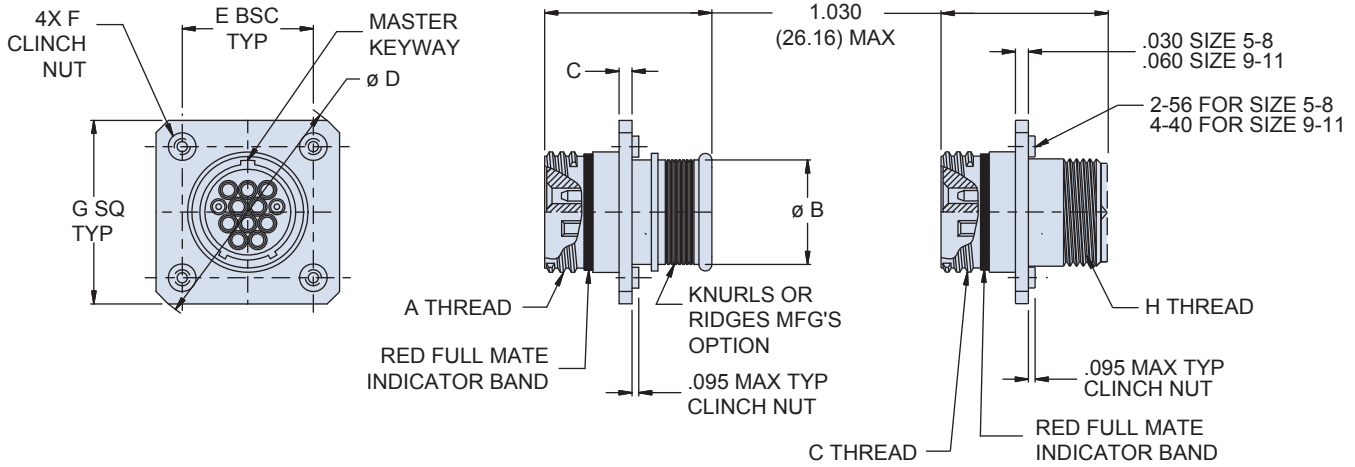




Series 845 Mighty Mouse Stinger™ Triple-Start ACME Thread Receptacle

845-003 and 845-004 Shell Style 12/22 Ordering Information

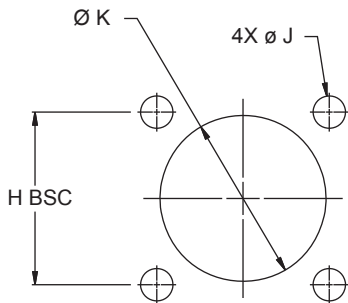
Square flange receptacle for front or rear panel mounting - shell style 12 or 22



Integral Band Platform
845-003-12/22

Accessory Thread
845-004-12/22

Dimensions												
Shell Size	A Thread	Ø B		C	Ø D		E BSC		F Clinch	G SQ		H Thread
		in	mm				in	mm		in	mm	
8	.5000-1P-3L-TS-2A	.316	8.03	.030 (.76)	1.194	0.660	16.76	2-56	0.920		.3750-32 UNEF-2A	
9	.5625-1P-3L-TS-2A	.397	10.08		1.283	0.723	18.36		0.983		.4375-28 UNEF-2A	
10	.6250-1P-3L-TS-2A	.472	11.99		1.371	0.785	19.94		1.045		.5000-28 UNEF-2A	
11	.6875-1P-3L-TS-2A	.519	13.18		1.460	0.848	21.54		1.104		.5625-24 UNEF-2A	
12	.7500-1P-3L-TS-2A	.585	14.86		1.546	0.909	23.09		1.169		.6250-24 UNEF-2A	
13	.8125-1P-3L-TS-2A	.646	16.41		1.637	0.973	24.71		1.233		.6875-24 UNEF-2A	



Panel Cut Out Dimensions						
Shell Size	H Bsc		Ø J		Ø K	
	In	mm	In	mm	In	mm
8	.660	16.76	.096 .091	2.44 2.31	.515	13.08
9	.723	18.36			.578	14.68
10	.785	19.94			.640	16.26
11	.848	21.54			.703	17.86
12	.909	23.09			.765	19.43
13	.973	24.71			.828	21.03

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