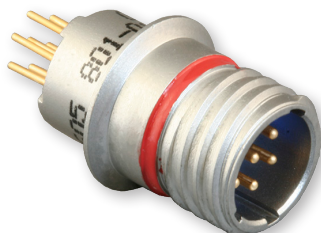


Series 801 Mighty Mouse Double-Start ACME Thread Hermetic Receptacle

801-012 Ordering Information



Series 801



Series 801 Hermetic Receptacles feature 304L stainless steel shells, fused vitreous glass insulators and Alloy 52 iron alloy contacts.

1 X 10⁻⁷ cc/second maximum helium leak rate.

Three Shell Styles: solder mount, jam nut or square flange.

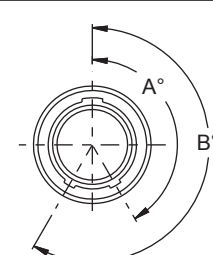
Solder Cup Contacts or PC Tail Contacts for attachment to flexible or rigid circuits or rigid boards.

How To Order						
Sample Part Number		801-012	-03	Z1	7-10	P A
Series	801-012 = Hermetic Receptacles					
Shell Style (See Table I)	-02 = Front or Rear, Square Flange Mount -03 = Solder Mount -07 = Jam Nut Mount -13 = Weld Mount					
Material and Finish	Z1 = Stainless Steel / Passivated RoHS Compliant ZL = Stainless Steel / Nickel Plated					
Shell Size - Insert Arrangement	See Contact Arrangements page D-2					
Contact Type	P = Pin, Solder Cup C = Pin, PC Tail S = Socket, Solder Cup D = Socket, PC Tail					
Shell Key Positions (See Table II)	A = Normal B = Pos. B C = Pos. C D = Pos. D E = Pos. F F = Pos. F					

D

Table I: Shell Style			
Style -02 Square Flange	Style -03 Solder Mount	Style -07 Jam Nut	Style -13 Weld Mount

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

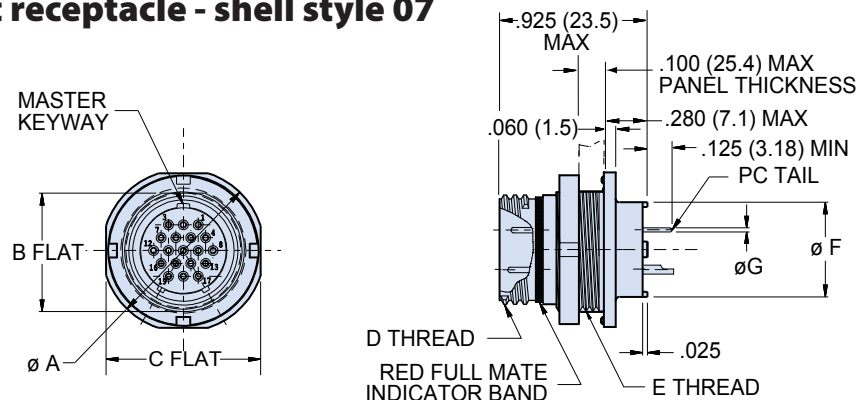


Dimensions in Inches (millimeters) are subject to change without notice.



Series 801 Mighty Mouse Double-Start ACME Thread Hermetic Receptacle 801-012-07 Dimensions

Jam nut mount receptacle - shell style 07



Jam Nut Mount Hermetic 801-012-03

Dimensions											
Shell Size	Ø A		B Flat		C Flat		D Thread	E Thread UN-2A	Ø F		Ø G Tail Dia.
	In.	mm.	In.	mm.	In.	mm.			In.	mm.	
5	.575	14.61	.350	8.89	.545	13.84	.3125-.05P-.1L-2A	.3750-28	.244	6.20	#23 .018/.022 (0.46/0.56)
6	.635	16.13	.410	10.41	.595	15.11	.3750-.05P-.1L-2A	.4375-28	.330	8.38	
7	.755	19.18	.536	13.61	.723	18.36	.4375-.05P-.1L-2A	.5625-32	.432	10.97	#20 .024/.028 (0.61/0.71)
8	.755	19.18	.536	13.61	.723	18.36	.5000-.05P-.1L-2A	.5625-32	.493	12.52	
9	.830	21.08	.596	15.14	.790	20.07	.5625-.05P-.1L-2A	.6250-28	.551	14.00	#16 .060/.064 (1.52/1.63)
10	.890	22.61	.658	16.71	.855	21.72	.6250-.05P-.1L-2A	.6875-28	.620	15.75	
11	.960	24.38	.718	18.24	.925	23.50	.6875-.05P-.1L-2A	.7500-28	.662	16.81	#12 .092/.096 (2.34/2.44)
13	1.078	27.38	.845	21.46	1.044	26.52	.8125-.1P-.2L-2A	.8750-28	.703	17.86	
16	1.265	32.13	1.022	25.96	1.230	31.24	1.0000-.1P-.2L-2A	1.0625-20	.863	21.92	#12 .092/.096 (2.34/2.44)
17	1.325	33.66	1.096	27.84	1.290	32.77	1.0625-.1P-.2L-2A	1.1250-28	.912	23.16	
19	1.450	36.83	1.225	31.15	1.415	35.94	1.1875-.1P-.2L-2A	1.2500-28	1.018	25.86	#12 .092/.096 (2.34/2.44)
21	1.625	41.28	1.346	34.16	1.577	40.06	1.3125-.1P-.2L-2A	1.3750-28	1.170	29.72	

Series 801 Jam Nut Panel Cutout					
Shell Size	A Flat		Ø B		
	In. ± .002	mm. ± 0.05	In. ± .002	mm. ± 0.05	
5	.358/.354	9.09/8.99	.385	9.78	
6	.418/.414	10.62/10.52	.448	11.38	
7	.544/.540	13.82/13.72	.573	14.55	
8	.544/.540	13.82/13.72	.573	14.55	
9	.604/.600	15.34/15.24	.635	16.13	
10	.668/.664	16.97/16.87	.698	17.73	
11	.728/.724	18.49/18.39	.760	19.30	
13	.853/.849	21.67/21.56	.885	22.48	
16	1.030/1.026	26.16/26.06	1.075	27.31	
17	1.104/1.100	28.04/27.94	1.135	28.83	
19	1.235/1.231	31.37/31.27	1.260	32.00	
21	1.353/1.349	34.37/34.26	1.385	35.18	

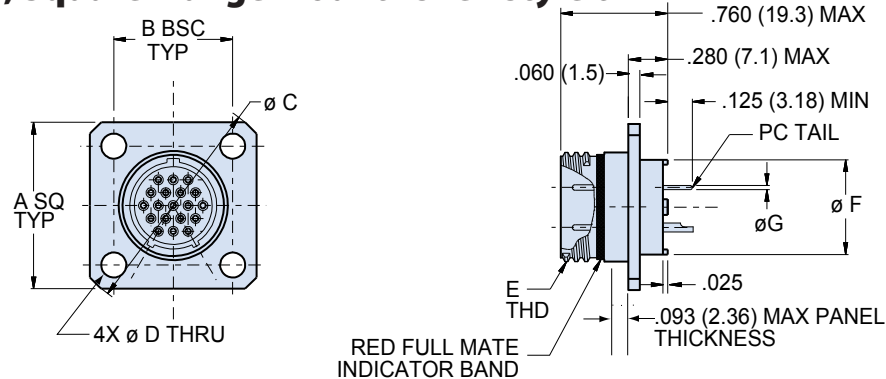
Dimensions in Inches (millimeters) are subject to change without notice.

Series 801 Mighty Mouse Double-Start ACME Thread Hermetic Receptacle 801-012-02 Dimensions



Series 801

Front or Rear, Square Flange Mount - shell style 02



Square Flange Mount Hermetic
801-012-03

Dimensions												
Shell Size	A Sq		B BSC		Ø C		Ø D		E Thread	Ø F		Ø G Tail Dia
	In.	mm.	In.	mm.	In.	mm.	In.	mm.		In.	mm.	
5	.530	13.46	.363	9.22	.680	17.27	.096/.091	2.44/2.31	.3125-.05P-.1L-2A	.244	6.20	#23 .018/.022 (0.46/0.56) #20 .024/.028 (0.61/0.71) #16 .060/.064 (1.52/1.63) #12 .092/.096 (2.34/2.44)
6	.590	14.99	.423	10.74	.750	19.05			.3750-.05P-.1L-2A	.330	8.38	
7	.650	16.51	.483	12.27	.850	21.59			.4375-.05P-.1L-2A	.432	10.97	
8	.712	18.08	.545	13.84	.938	23.83			.5000-.05P-.1L-2A	.493	12.52	
9	.850	21.59	.607	15.42	1.125	28.58	.130/.126	3.30/3.20	.5625-.05P-.1L-2A	.551	14.00	
10	.890	22.61	.670	17.02	1.188	30.18			.6250-.05P-.1L-2A	.620	15.75	
11	.935	23.75	.715	18.16	1.250	31.75			.6875-.05P-.1L-2A	.662	16.81	
13	1.030	26.16	.812	20.62	1.375	34.93			.8125-.1P-.2L-2A	.703	17.86	
16	1.219	31.96	.981	24.92	1.625	41.28			1.0000-.1P-.2L-2A	.863	21.92	
17	1.280	32.51	1.060	26.92	1.700	43.18			1.0625-.1P-.2L-2A	.912	23.16	
19	1.432	36.37	1.191	30.25	1.900	48.26			1.1875-.1P-.2L-2A	1.018	25.86	
21	1.565	39.75	1.322	33.58	2.100	53.34			1.3125-.1p-.2L-2a	1.170	29.72	

Series 801 Panel Cutout				
Shell Size	B BSC		Ø C	
	In	mm.	In	mm.
5	.363	9.22	.096/.091	2.44/2.31
6	.423	10.74		
7	.483	12.27		
8	.545	13.84		
9	.607	15.42	.130/.126	3.30/3.20
10	.670	17.02		
11	.715	18.16		
13	.812	20.62		
16	.981	24.92		
17	1.060	26.92		
19	1.171	29.74		
21	1.322	33.58		

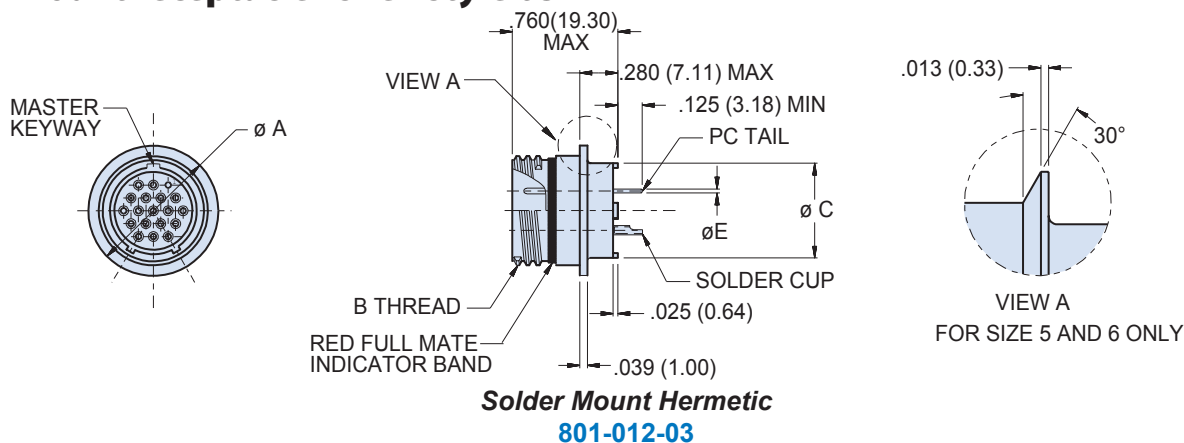
Dimensions in Inches (millimeters) are subject to change without notice.



Series 801 Mighty Mouse Double-Start ACME Thread Hermetic Receptacle

801-012 Shell Style -03 and -13 Dimensions

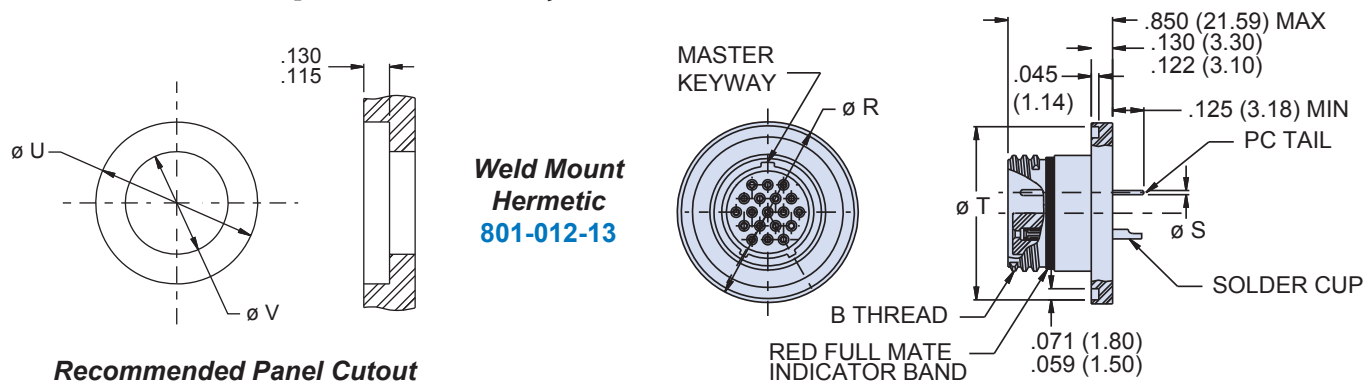
Solder Mount receptacle - shell style 03



Dimensions

Shell Size	Ø A		B Thread	Ø C		Shell Size	Ø A		B Thread	Ø C		Ø E Tail Dia.	
	In.	mm.		In.	mm.		In.	mm.		In.	mm.		
5	.395	10.03	.3125-.05P-1L-2A	.244	6.20	11	.770	19.56	.6875-.05P-1L-2A	.662	16.81	#23	#16
6	.455	11.56	.375-.05P-1L-2A	.330	8.38	13	.895	22.73	.8125-.1P-2L-2A	.703	17.86	.018/.022	.060/.064
7	.520	13.21	.4375-.05P-1L-2A	.432	11.97	16	1.080	27.43	1.000-.1P-2L-2A	.863	21.92	(0.46/0.56)	(1.52/1.63)
8	.580	14.73	.5000-.05P-1L-2A	.493	12.52	17	1.145	29.08	1.062-.1P-2L-2A	.912	23.16	#20	#12
9	.645	16.38	.5625-.05P-1L-2A	.551	14.00	19	1.270	32.26	1.1875-.1p-2L-2A	1.018	25.86	.024/.028	.092/.096
10	.705	18.01	.6250-.05P-1L-2A	.620	15.75	21	1.395	35.43	1.3125-.1p-2L-2A	1.170	29.72	(0.61/0.71)	(2.34/2.44)

Weld Mount receptacle - shell style 13



Recommended Panel Cutout

Dimensions

SHELL SIZE	B THREAD	Ø R ±.002	Ø T	Ø U	Ø V	SHELL SIZE	B THREAD	Ø R ±.002	Ø T	Ø U	Ø V	Ø S
5	.3125-.05P-1L-2A	0.600 (15.24)	0.555 (14.10)	.606 (15.39)	.180 (4.57)	11	.6875-.05P-1L-2A	1.062 (26.97)	1.019 (25.88)	1.068 (27.13)	.580 (14.73)	#23
6	.3750-.05P-1L-2A	0.665 (16.89)	0.620 (15.75)	.671 (17.04)	.240 (8.38)	13	.8125-.1P-2L-2A	1.162 (29.51)	1.119 (28.42)	1.168 (29.67)	.610 (15.49)	#16
7	.4375-.05P-1L-2A	0.730 (18.54)	0.685 (17.40)	.736 (18.69)	.330 (6.10)	16	1.0000-.1P-2L-2A	1.288 (32.72)	1.245 (31.62)	1.294 (32.87)	.775 (19.69)	.018/.022
8	.5000-.05P-1L-2A	0.788 (20.02)	0.745 (18.92)	.794 (20.17)	.390 (9.91)	17	1.0625-.1P-2L-2A	1.360 (34.54)	1.315 (33.40)	1.366 (34.70)	.825 (20.96)	(0.46/0.56)
9	.5625-.05P-1L-2A	0.912 (23.16)	0.869 (22.07)	.918 (23.32)	.455 (11.56)	19	1.1875-.1P-2L-2A	1.495 (37.97)	1.452 (36.88)	1.501 (38.13)	.930 (23.62)	(1.52/1.63)
10	.6250-.05P-1L-2A	0.975 (24.77)	0.933 (23.70)	.981 (24.92)	.520 (13.21)	21	1.3125-.1P-2L-2A	1.625 (41.28)	1.580 (40.13)	1.631 (41.43)	1.080 (27.43)	#20
												#12
												.024/.028
												.092/.096
												(0.61/0.71)
												(2.34/2.44)

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