

2M801 Dual-Start ACME Threads

Ordering Guide for 2M801



Contacts
& Tools

2M Specs

2M801

2M803

2M804

2M805

2M Filter &
Accessories

HD38999

Micro-L

Series	Shell Style	Service Class	Shell Size- Insert Arrg.	Contact Type	Alternate Position
2M801-0XX	-16	NF	6-7	P	A

*add "-501" to the suffix of Jam Nut version to include a Hex Nut instead of a Spinner Nut.

SERIES	
2M801-007	Plugs with Integral Backshell
2M801-008	Plugs with Rear Accessory Thread
2M801-009	Receptacle with Integral Back-shell
2M801-010	Receptacle with Accessory Thread

SHELL STYLE	
2M801-007 2M801-008	
-16	Plug with Anti-Decoupling Spring
-26	Self-Locking Plug with Ratchet Mechanism
SHELL STYLE	
2M801-009 2M801-010	
-01	In-Line
-02	Square Flange
-07	Jam Nut*

SERVICE CLASS	
	Finish
C	Aluminum/Black Anodize (Non-Conductive)
M	Aluminum/Electroless Nickel
NF	Aluminum/Cadmium with Olive Drab Chromate
MT	Aluminum/Nickel-PTFE (Duralon)
Z1	Stainless Steel/Passivated
ZM	Stainless Steel/Electroless Nickel
ZN	Aluminum/Zinc-Nickel w/ Olive Drab Chromate
ZNU	Aluminum/Zinc-Nickel with Black Chromate

SHELL SIZE - INSERT ARRANGEMENTS	
See Insert Arrangements on Pages 13-15	

CONTACTS	
P	Pin
S	Socket
A	Pin, less contacts
B	Socket, less contacts

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

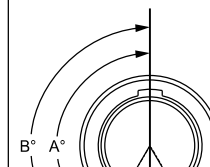
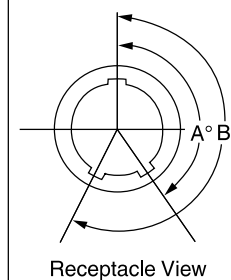


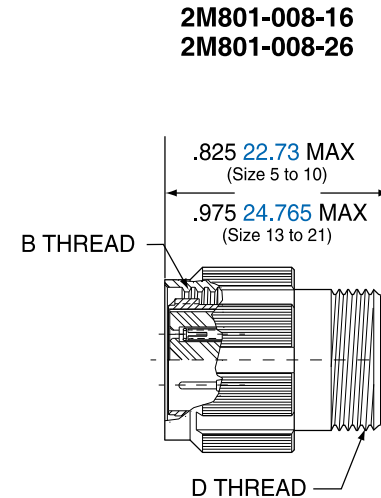
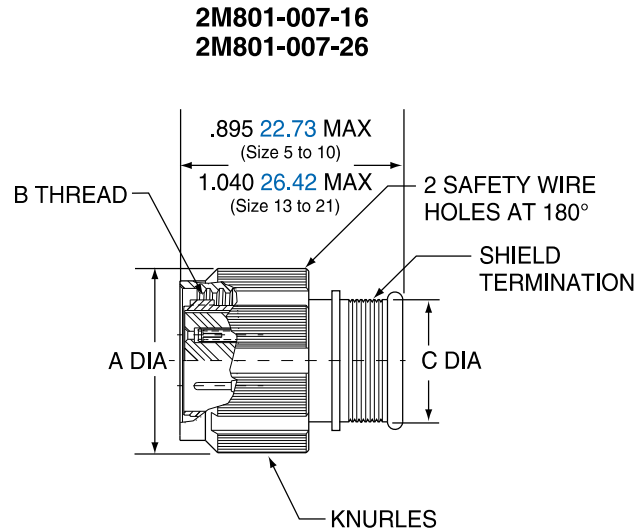
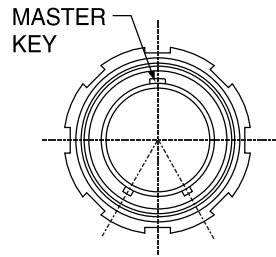
INSERT ARRANGEMENTS

Insert Arrg.	No. of Contacts				
	#23	#20	#20HD	#16	#12
5-3	3				
6-1				1	
6-4	4				
6-6	6				
6-7	7				
6-23			3		
7-1					1
7-10	10				
7-25			5		
8-2				2	
8-13	13				
8-28			8		
8-200	4	2			

INSERT ARRANGEMENTS

Insert Arrg.	No. of Contacts				
	#23	#20	#20HD	#16	#12
10-200	12				1
10-201	4				2
10-202	8			2	
13-2					2
13-3					3
13-7				7	
13-37	37				
13-200	6				2
13-201	10				2
13-220			20		
16-5					5
16-12				12	
16-55	55				





Shell Size	Style 16		Style 26		B Thread	C Dia.		D Thread UNEF-2A
	A Dia.		A Dia.			in.	mm.	
	in.	mm.	in.	mm.				
5	.545	13.84	.660	16.76	.3125-.05P-.1L-2B	.245	6.22	.2500-32
6	.610	15.49	.710	18.03	.3750-.05P-.1L-2B	.290	7.37	.3125-32
7	.695	17.65	.790	20.07	.4375-.05P-.1L-2B	.390	9.91	.4375-28
8	.750	19.05	.860	21.84	.5000-.05P-.1L-2B	.445	11.30	.5000-28
9	.810	20.57	.920	23.37	.5625-.05P-.1L-2B	.500	12.70	.5625-24
10	.890	22.61	.985	25.02	.6250-.05P-.1L-2B	.560	14.22	.6250-24
13	1.060	26.92	1.150	29.21	.8125-.1P-.2L-2B	.650	16.51	.6875-24
16	1.250	31.75	1.345	34.16	1.0000-.1P-.2L-2B	.805	20.45	.9375-20
17	1.310	33.27	1.400	35.56	1.0625-.1P-.2L-2B	.850	21.59	.9375-20
21	1.560	39.62	1.660	42.16	1.3125-.1P-.2L-2B	1.135	28.83	1.1875-18

2M801 Dual-Start ACME Threads Jam Nut



2M801-009-07 and 2M801-010-07

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& Tools

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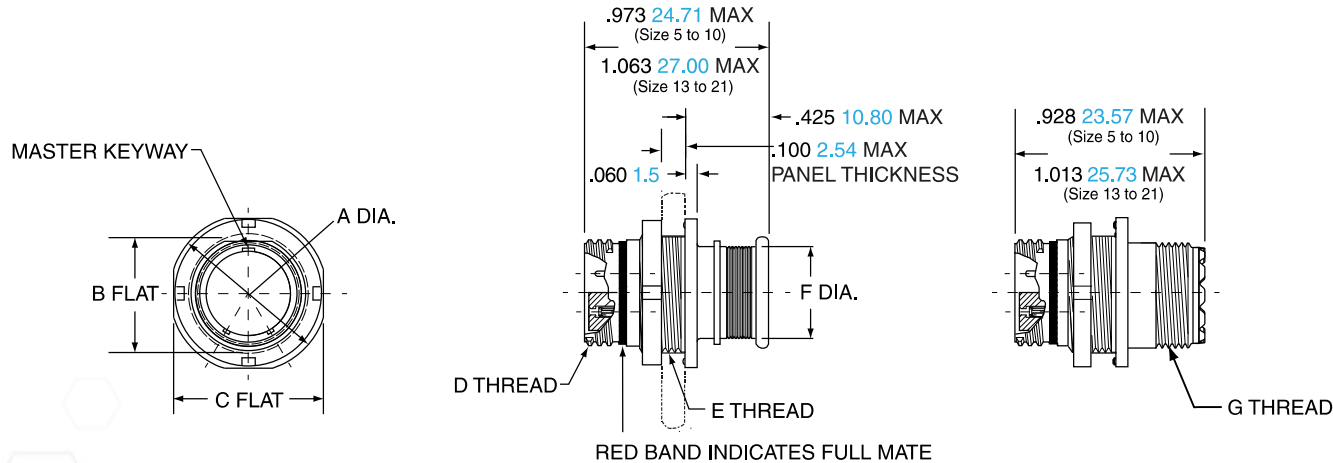
2M Filter &
Accessories

HD38999

Micro-L

2M801-009-07

2M801-010-07



RED BAND INDICATES FULL MATE

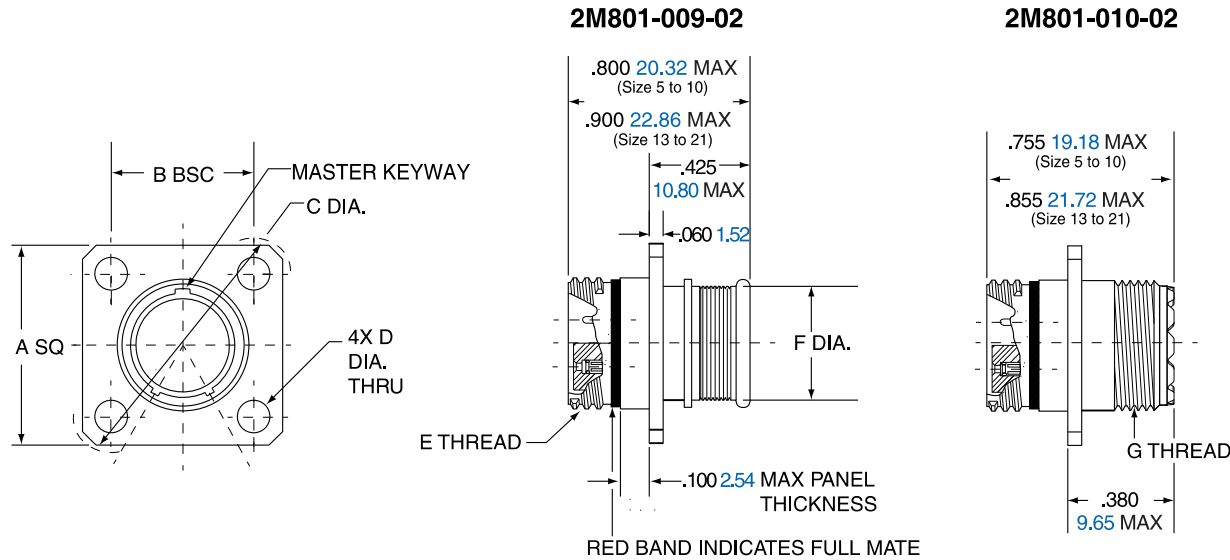
Shell Size	A Dia.		B Flat		C Flat		D Thread	E Thread	F Dia.		G Thread UNEF-2A
	in.	mm.	in.	mm.	in.	mm.			in.	mm.	
5	.575	14.61	.350	8.89	.545	13.84	.3125-.05P-.1L-2A	.3750-28 UN-2A	.245	6.22	.2500-32
6	.635	16.13	.410	10.41	.595	15.11	.3750-.05P-.1L-2A	.4375-28 UNEF-2A	.290	7.37	.3125-32
7	.755	19.18	.536	13.61	.723	18.36	.4375-.05P-.1L-2A	.5625-32 UN-2A	.390	9.91	.4375-28
8	.755	19.18	.536	13.61	.723	18.36	.5000-.05P-.1L-2A	.5625-32 UN-2A	.445	11.30	.5000-28
9	.830	21.08	.596	15.14	.790	20.07	.5625-.05P-.1L-2A	.6250-28 UN-2A	.500	12.70	.5625-24
10	.890	22.61	.658	16.71	.855	21.72	.6250-.05P-.1L-2A	.6875-28 UN-2A	.560	14.22	.6250-24
13	1.078	27.38	.845	21.46	1.044	26.52	.8125-.1P-.2L-2A	.8750-28 UN-2A	.650	16.51	.6875-24
16	1.264	32.11	1.022	25.96	1.230	31.24	1.0000-.1P-.2L-2A	1.0625-20 UN-2A	.805	20.45	.9375-20
17	1.325	33.66	1.096	27.84	1.290	32.77	1.0625-.1P-.2L-2A	1.125-28 UN-2A	.850	21.59	.9375-20
21	1.625	41.28	1.347	34.16	1.577	40.06	1.3125-.1P-.2L-2A	1.375-28 UN-2A	1.135	28.83	1.1875-18

JAM NUT PANEL CUTOUT

Shell Size	A Flat		B Dia.	
	in. ± .002	mm. ± 0.05	in. ± .002	mm. ± 0.05
5	.356	9.04	.385	9.78

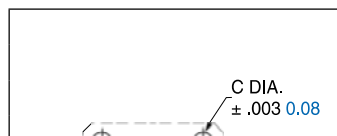
2M801 Dual-Start ACME Threads Square Flange

Receptacle 2M801-009-02 & 2M801-010-02



Shell Size	A		B BSC		C Dia.		D Dia.		E Thread	F Dia.		G Thread UNEF-2A
	in.	mm.	in.	mm.	in.	mm.	in. ± .003	mm. ± .08		in.	mm.	
5	.530	13.46	.363	9.22	.680	17.27	.093	2.36	.3125-.05P-.1L-2A	.245	6.22	.2500-32
6	.590	14.99	.423	10.74	.750	19.05	.093	2.36	.3750-.05P-.1L-2A	.290	7.37	.3125-32
7	.650	16.51	.483	12.27	.850	21.59	.093	2.36	.4375-.05P-.1L-2A	.390	9.91	.4375-28
8	.712	18.08	.545	13.84	.940	23.88	.093	2.36	.5000-.05P-.1L-2A	.445	11.30	.5000-28
9	.850	21.59	.607	15.42	1.125	28.58	.128	3.25	.5625-.05P-.1L-2A	.500	12.70	.5625-24
10	.890	22.61	.670	17.02	1.190	30.23	.128	3.25	.6250-.05P-.1L-2A	.560	14.22	.6250-24
13	1.030	26.16	.812	20.62	1.375	34.93	.128	3.25	.8125-.1P-.2L-2A	.650	16.51	.6875-24
16	1.219	30.96	.981	24.92	1.625	41.28	.128	3.25	1.0000-.1P-.2L-2A	.805	20.45	.9375-20
17	1.280	32.51	1.060	26.92	1.700	43.18	.128	3.25	1.0625-.1P-.2L-2A	.850	21.59	.9375-20
21	1.430	36.32	1.205	30.61	1.940	49.28	.128	3.25	1.3125-.1P-.2L-2A	1.135	28.83	1.1875-18

PANEL CUTOUT



Shell Size	A Dia.		B Dia.		C Dia.	
	in.	mm.	in.	mm.	in.	mm.
5	.330	8.38	.363	9.22	.093	2.36
6	.390	9.91	.423	10.74	.093	2.36

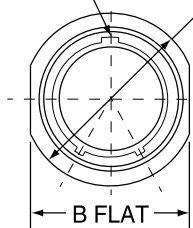
2M801 Dual-Start ACME Threads In-Line

2M801-009-01 and 2M801-010-01



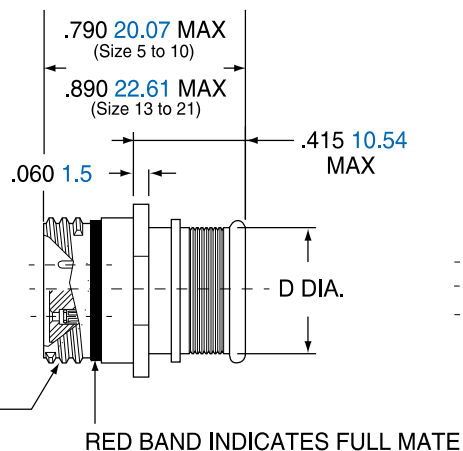
MASTER
KEYWAY

A DIA.



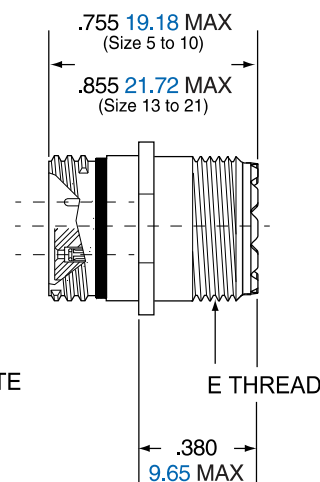
B FLAT

2M801-009-01



RED BAND INDICATES FULL MATE

2M801-010-01



Shell Size	A Dia.		B Flat		C Thread	D Dia.		E Thread UNEF-2A
	in.	mm.	in.	mm.		in.	mm.	
5	.355	9.02	.325	8.13	.3125-.05P-.1L-2A	.245	6.22	.2500-32
6	.415	10.54	.385	9.78	.3750-.05P-.1L-2A	.290	7.37	.3125-32
7	.480	12.19	.445	11.30	.4375-.05P-.1L-2A	.390	9.91	.4375-28
8	.540	13.72	.510	12.95	.5000-.05P-.1L-2A	.445	11.30	.5000-28
9	.605	15.37	.575	14.61	.5625-.05P-.1L-2A	.500	12.70	.5625-24
10	.665	16.89	.635	16.13	.6250-.05P-.1L-2A	.560	14.22	.6250-24
13	.855	21.72	.825	20.96	.8125-.1P-.2L-2A	.650	16.51	.6875-24
16	1.040	26.42	1.010	25.65	1.0000-.1P-.2L-2A	.805	20.44	.9375-20
17	1.110	28.19	1.070	27.18	1.0625-.1P-.2L-2A	.850	21.59	.9375-20
21	1.405	35.69	1.385	35.18	1.3125-.1P-2L-2A	1.135	28.83	1.1875-18

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