

2M803 1/4 Turn Bayonet Coupling



Ordering Guide for 2M803 Crimp Receptacles & Plugs



Contacts
& Tools

2M Specs

2M801

2M803

2M804

2M805

2M Filter &
Accessories

HD38999

Micro-D

Terrapin

Nexus

Series	Shell Style	Service Class	Shell Size- Insert Arrg.	Contact Type	Alternate Position
2M803-00X	-06	NF	6-7	P	N

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

SERIES	
2M803-001	Plug, Integral Backshell
2M803-002	Plug with Rear Accessory Thread
2M803-003	Receptacle with Integral Backshell
2M803-004	Receptacle with Rear Accessory Thread

SHELL SIZE - INSERT ARRANGEMENTS

See Insert Arrangements on Pages 13-15



CONTACTS

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

SHELL STYLE	
2M803-001, 2M803-002	
-06	Plug
SHELL STYLE	
2M803-003, 2M803-004	
-07	Jam Nut*
-02	Flange Mount
-01	In-Line

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

KEYING

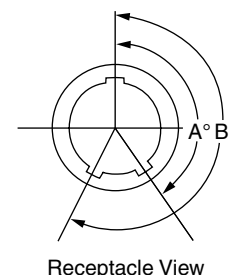
Key Position	Key Rotation	
	A	B
N	150°	210°
X	75°	210°
Y	95°	230°
Z	140°	275°

INSERT ARRANGEMENTS

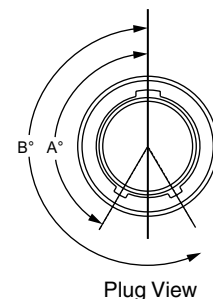
Insert Arrg.	No. of Contacts				
	#23	#20	#20HD	#16	#12
5-3	3				
6-1				1	
6-4	4				
6-6	6				
6-7	7				
6-23			3		
7-1					1
7-10	10				
7-25			5		
8-2				2	
8-28			8		
8-13	13				
8-200	4	2			
9-4				4	
9-19	19				
9-200	4			2	
9-201	8	2			
9-210			10		
10-2					2
10-5				5	
10-26	26				
10-200	12				1

INSERT ARRANGEMENTS

Insert Arrg.	No. of Contacts				
	#23	#20	#20HD	#16	#12
10-201	4				2
10-202	8			2	
12-2					2
12-3					3
12-7				7	
12-37	37				
12-200	6				2
12-201	10				2
12-220			20		
14-5					5
14-12				12	
14-55	55				
14-235			35		
15-7					7
15-14				14	
15-85	85				



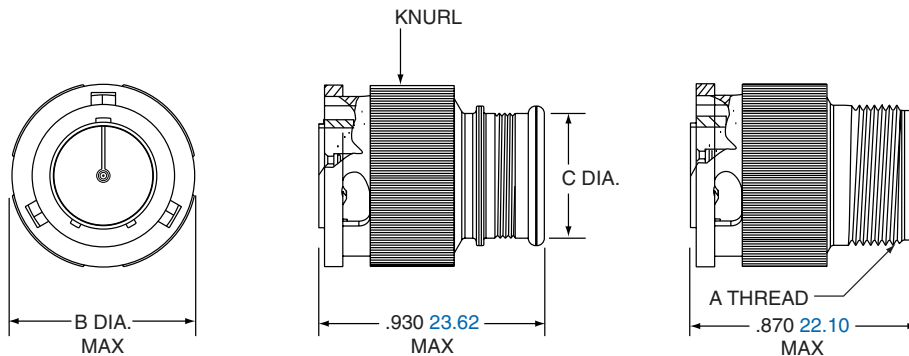
Receptacle View



Plug View

2M803-001-06

2M803-002-06

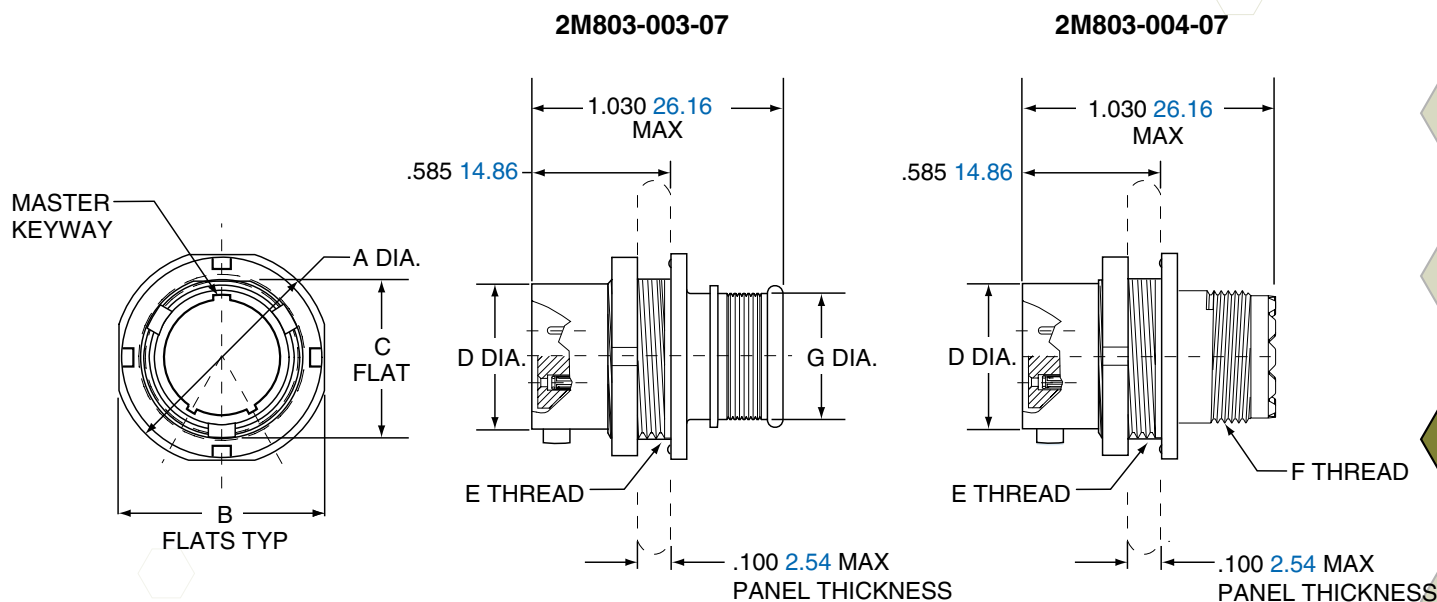


Shell Size	A Thread UNEF-2A	B Dia. Max		C Dia.	
		in.	mm.	in.	mm.
5	.2500-32	.475	12.07	.245	6.22
6	.3125-32	.540	13.72	.290	7.37
7	.4375-28	.620	15.75	.390	9.91
8	.5000-28	.675	17.15	.450	11.43
9	.5625-24	.745	18.92	.500	12.70
10	.6250-24	.812	20.63	.562	14.28
12	.6875-24	.894	22.71	.650	16.51
14	.9375-20	1.060	26.92	.800	20.32
15	.9375-20	1.120	28.45	1.035	26.29

2M803 1/4 Turn Bayonet Coupling Jam Nut



2M803-003-07 and 2M803-004-07



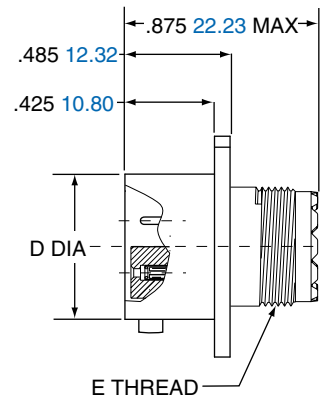
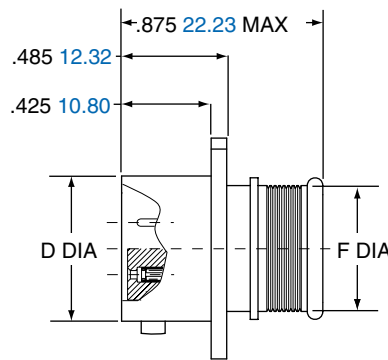
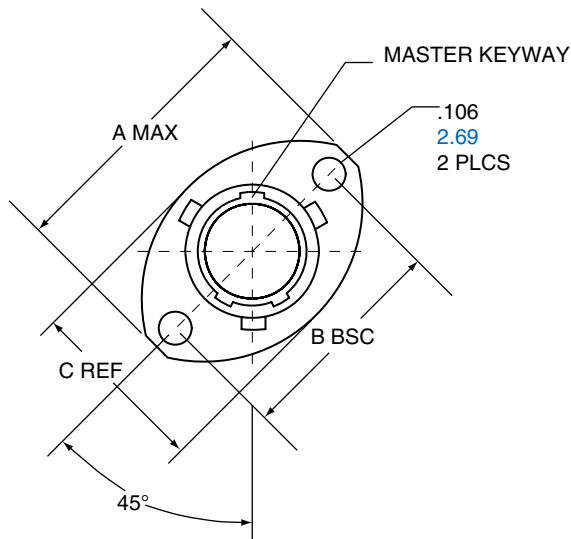
Shell Size	A Dia.		B Flat		C Flat		D Dia.		E Thread	F Thread	G Dia.	
	in.	mm.	in.	mm.	in.	mm.	in.	mm.			in.	mm.
5	.575	14.61	.545	13.84	.350	8.89	.300	7.62	.3750-32 UNEF-2A	.2500-32 UNEF-2A	.245	6.30
6	.635	16.13	.595	15.11	.410	10.41	.362	9.19	.4375-28 UNEF-2A	.3125-32 UNEF-2A	.290	7.44
7	.755	19.18	.723	18.36	.536	13.61	.436	11.07	.5625-32 UN-2A	.4375-28 UNEF-2A	.390	9.86
8	.830	21.08	.790	20.11	.593	15.10	.498	12.65	.6250-28 UN-2A	.5000-28 UNEF-2A	.450	11.38
9	.830	21.08	.790	20.07	.596	15.14	.561	14.25	.6250-28 UN-2A	.5625-24 UNEF-2A	.500	12.78
10	.955	24.26	.925	23.51	.721	18.31	.635	16.13	.7500-28 UN-2A	.6250-24 UNEF-2A	.562	14.30
12	1.078	27.38	1.044	26.52	.845	21.46	.714	18.14	.8750-28 UN-2A	.6875-24 UNEF-2A	.650	16.71
14	1.264	32.11	1.230	31.24	1.022	25.96	.865	21.97	1.0625-20 UN-2A	.9375-20 UNEF-2A	.805	20.40
15	1.322	33.58	1.287	32.69	1.093	27.76	.924	23.47	1.1250-28 UN-2A	.9375-20 UNEF-2A	.850	21.67

PANEL CUTOUT FOR JAM NUT RECEPTACLE

Shell Size	A Flat		B Dia.	
	in. ±.002	mm. ± 0.05	in.	mm.
5	.355	9.02	.382	9.70
6	.415	10.54	.445	11.30
7	.541	13.74	.572	14.53
8	.601	15.27	.635	16.13
9	.601	15.27	.643	16.33
10	.729	18.52	.760	18.29
12	.850	21.59	.885	22.48
14	1.031	23.19	1.072	27.23

2M803-003-02

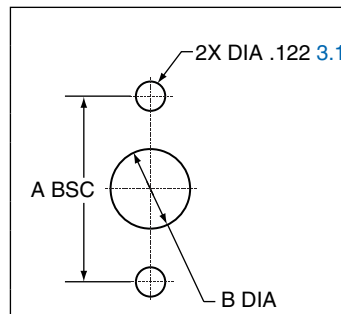
2M803-004-02



Shell Size	A Max.		B BSC.		C Ref.		D Dia.		E Thread UNEF-2A	F Dia.	
	in.	mm.	in.	mm.	in.	mm.	in.	mm.		in.	mm.
5	.710	18.03	.513	13.03	.460	11.68	.300	7.62	.2500-32	.245	6.30
6	.788	20.02	.598	15.19	.522	13.26	.362	9.19	.3125-32	.290	7.44
7	.895	22.73	.708	17.98	.590	14.99	.436	11.07	.4375-28	.390	9.86
8	1.154	29.31	.964	24.49	.668	16.97	.500	12.70	.5000-28	.450	11.38
9	1.210	30.73	1.017	25.83	.721	18.31	.561	14.25	.5625-24	.500	12.78
10	1.291	32.79	1.101	27.97	.795	20.19	.635	16.13	.6250-24	.562	14.30
12	1.395	35.43	1.204	30.58	.874	22.20	.714	18.14	.6875-24	.650	16.71
14	1.550	39.37	1.280	32.51	1.050	26.67	.865	21.97	.9375-20	.805	20.40

FLANGE MOUNT PANEL CUTOUTS

Shell Size	A BSC		B Dia	
	in.	mm.	in.	mm.
5	.513	13.03	.365	9.25
6	.598	15.19	.430	10.92
7	.708	17.98	.520	13.21
8	.964	17.98	.592	15.04
9	1.017	25.83	.645	16.38
10	1.101	27.97	.726	18.44
12	1.204	30.58	.832	21.13
14	1.280	32.51	.945	24.00

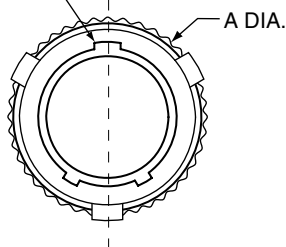


2M803 1/4 Turn Bayonet Coupling In-Line

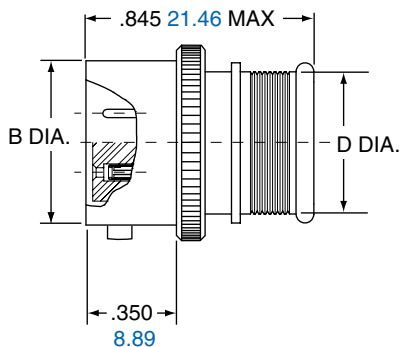


2M803-003-01 and 2M803-004-01

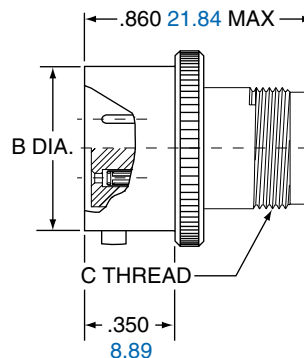
MASTER
KEYWAY



2M803-003-01



2M803-004-01



Shell Size	A Max.		B Dia.		C Thread UNEF-2A	D Dia.	
	in.	mm.	in.	mm.		in.	mm.
5	.385	9.78	.300	7.62	.2500-32	.245	6.30
6	.465	11.81	.362	9.19	.3125-32	.290	7.44
7	.485	12.32	.438	11.13	.4375-28	.390	9.86
8	.566	14.38	.498	12.65	.5000-28	.450	11.38
9	.658	16.71	.564	14.33	.5625-24	.500	12.78
10	.720	18.29	.636	16.15	.6250-24	.562	14.30
12	.810	20.57	.713	18.11	.6875-24	.650	16.71
14	1.027	26.09	.865	21.97	.9375-20	.805	20.40
15	1.027	26.09	.924	23.47	.9375-20	.850	21.67

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HD38999

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