



1. Series	2. Shell Style	3. Service Class	4. Shell Size- Insert Arrg.	5. Contact Type	6. Alternate Position
2M804-00X	-06	ZNU	6-7	P	

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

SERIES	
2M804-001	Plug with Integral Backshell
2M804-002	Plug with Accessory Thread
2M804-003	Receptacle with Integral Backshell
2M804-004	Receptacle with Accessory Thread

SHELL STYLE	
2M804-001 2M804-002	
-06	Plug
SHELL STYLE	
2M804-003 2M804-004	
-00	Jam Nut* for Front Panel Mounting
-01	In-Line for Free-Hanging Cable
-07	Jam Nut* for Rear Panel Mounting

SHELL SIZE - INSERT ARRANGEMENTS

See Insert Arrangements on Pages 13-15



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

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

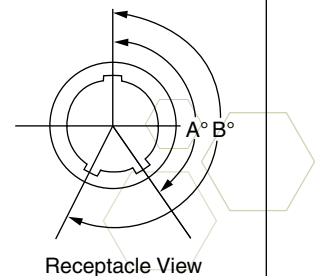
KEYING		
Key Position	Key Rotation	
	A	B
Omit	Single Master Key	
A	150°	210°
B	75°	210°
C	95°	230°
D	140°	275°

INSERT ARRANGEMENTS

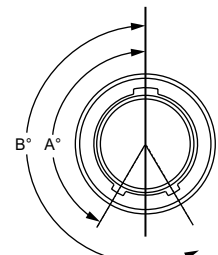
Insert Arrg.	No. of Contacts				
	#23	#20	#20HD	#16	#12
5-3	3				
6-1				1	
6-4	4				
6-6	6				
6-7	7				
6-23			3		
7-1					1
7-10	10				
7-25			5		
8-2				2	
8-28			8		
8-13	13				
8-200	4	2			
9-4				4	
9-19	19				
9-200	4			2	
9-201	8	2			
9-210			10		
10-2					2
10-5				5	
10-26	26				
10-200	12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

For single master key omit (leave blank)

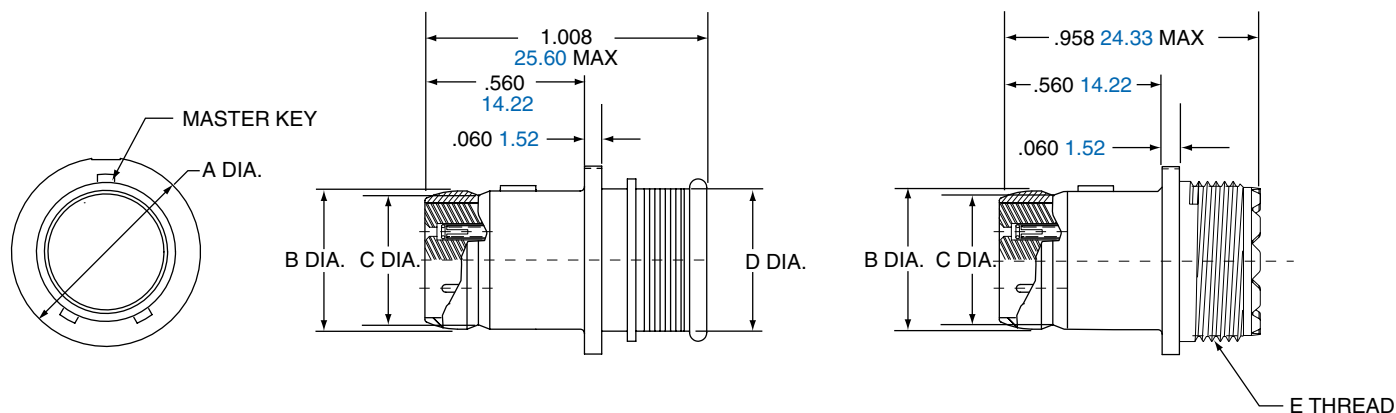
2M804 Push-Pull Plug Connector



2M804-001-06 and 2M804-002-06

2M804-001-06

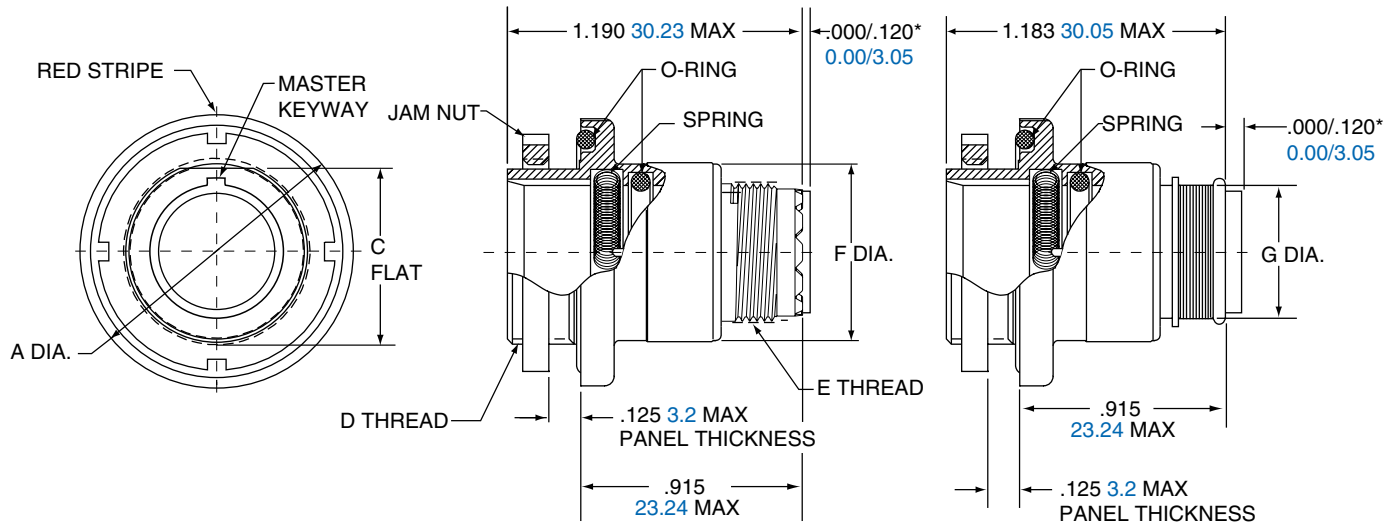
2M804-002-06



Shell Size	A Dia.		B Dia.		C Dia.		D Dia.		E Thread UNEF-2A
	in.	mm.	in.	mm.	in.	mm.	in.	mm.	
5	.418	10.62	.245	6.22	.218	5.54	.248	6.30	.2500-32
6	.488	12.40	.310	7.87	.275	6.99	.293	7.44	.3125-32
7	.561	14.25	.378	9.60	.350	8.89	.388	9.86	.4375-28
8	.603	15.32	.426	10.82	.395	10.03	.448	11.38	.5000-28
9	.663	16.84	.482	12.24	.450	11.43	.503	12.78	.5625-24
10	.743	18.87	.555	14.10	.525	13.34	.563	14.30	.6250-24
12	.851	21.62	.672	17.07	.642	16.31	.653	16.59	.6875-24
14	.978	24.84	.795	20.19	.761	19.33	.803	20.40	.9375-20
15	1.038	26.37	.863	21.92	.837	21.26	.853	21.67	.9375-20

2M804-004-07

2M804-003-07

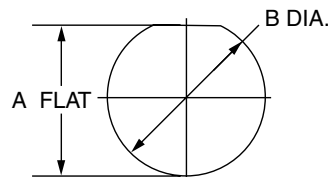


*Grommet protrudes for power/combo arrangements

Shell Size	A Dia.		C Flat		D Thread UN-2A	E Thread UNEF-2A	F Dia.		G Dia.	
	in.	mm.	in.	mm.			in.	mm.	in.	mm.
5	.773	19.63	.414	10.52	.4375-32	.2500-32	.448	11.38	.248	6.30
6	.833	21.16	.468	11.89	.5000-32	.3125-32	.513	13.03	.293	7.44
7	.903	22.94	.593	15.06	.6250-28	.4375-28	.573	14.55	.388	9.86
8	.958	24.33	.593	15.06	.6250-28	.5000-28	.596	15.14	.448	11.38
9	.998	25.35	.653	16.59	.6875-28	.5625-24	.691	17.55	.503	12.78
10	1.083	27.51	.721	18.31	.7500-28	.6250-24	.728	18.49	.563	14.30
12	1.183	30.05	.843	21.41	.8750-28	.6875-24	.883	22.43	.653	16.59
14	1.323	33.60	.968	24.59	1.0000-28	.9375-20	1.003	25.48	.803	20.40
15	1.373	34.87	1.036	26.31	1.0625-20	.9375-20	1.063	27.00	.853	21.67

JAM NUT PANEL CUTOUT

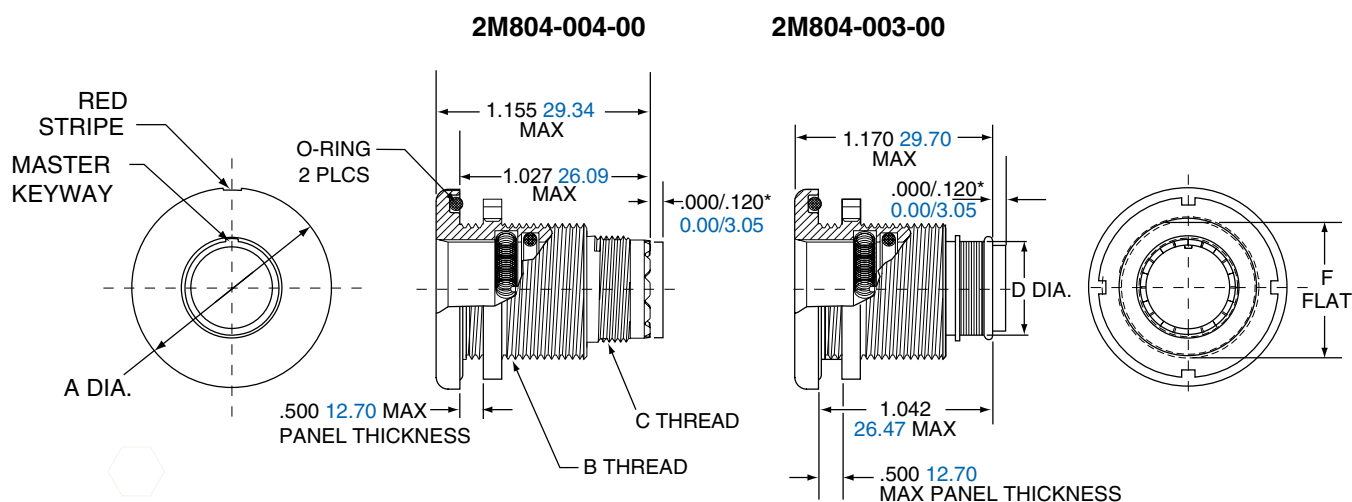
Shell Size	A Flat		B Dia.	
	in. ±.002	mm. ± 0.05	in. ±.005	mm. ± 0.13
5	.423	10.74	.448	11.38
6	.475	12.07	.510	12.95
7	.602	15.29	.635	16.13
8	.602	15.29	.635	16.13
9	.663	16.84	.698	17.73
10	.729	18.82	.760	19.30
12	.851	21.62	.885	22.48
14	.976	24.79	1.010	25.65
15	1.043	26.49	1.073	27.25



2M804 Push-Pull Jam Nut Front Panel Receptacle



2M804-004-00 and 2M804-003-00

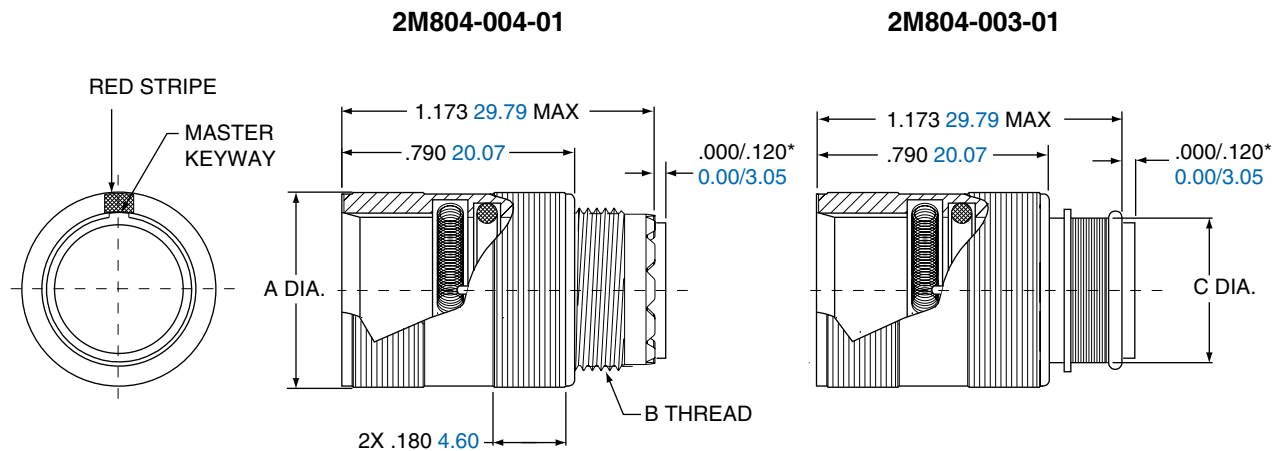


*Grommet protrudes for power/combo arrangements

Shell Size	A Dia.		B Thread UN-2A	C Thread UNEF-2A	D Dia.		F Flat.	
	in.	mm			in.	mm.	in.	mm.
5	.830	21.08	.5000-32	.2500-32	.248	6.30	.470	11.94
6	.884	22.45	.5625-32	.3125-32	.293	7.44	.529	13.44
7	.994	25.25	.6875-28	.4375-28	.388	9.86	.663	16.84
8	.994	25.25	.6875-28	.5000-28	.448	11.38	.663	16.84
9	1.073	27.25	.7500-28	.5625-24	.503	12.78	.719	18.26
10	1.138	28.91	.8125-28	.6250-24	.563	14.30	.778	19.76
12	1.338	33.96	1.0000-28	.6875-24	.653	16.59	.969	24.61
14	1.388	35.26	1.0625-20	.9375-20	.803	20.40	1.019	25.88
15	1.453	36.91	1.1250-28	.9375-20	.853	21.67	1.113	28.27

PANEL CUTOUT

Shell Size	A Flat		B Dia.	
	in. ±.002	mm. ± 0.05	in. ±.005	mm. ± 0.13
5	.477	12.12	.510	12.95
6	.537	13.64	.573	14.55
7	.670	17.02	.698	17.73
8	.670	17.02	.698	17.73
9	.727	18.47	.760	19.30
10	.787	20.19	.823	20.90
12	.977	24.82	1.010	25.65
14	1.027	26.09	1.073	27.25
15	1.121	28.47	1.135	28.83



*Grommet protrudes for power/combo arrangements

Shell Size	A Dia.		B Thread UNEF-2A	C Dia.	
	in.	mm		in.	mm.
5	.453	11.51	.2500-32	.248	6.30
6	.523	13.28	.3125-32	.293	7.44
7	.583	14.81	.4375-28	.388	9.86
8	.606	15.39	.5000-28	.448	11.38
9	.698	17.73	.5625-24	.503	12.78
10	.738	18.75	.6250-24	.563	14.30
12	.883	22.43	.6875-24	.653	16.59
14	1.013	25.73	.9375-20	.803	20.40
15	1.061	26.95	.9375-20	.853	21.67

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