



Series 804 Mighty Mouse Filter Connector

Jam Nut Receptacle, Push-Pull Quick Disconnect

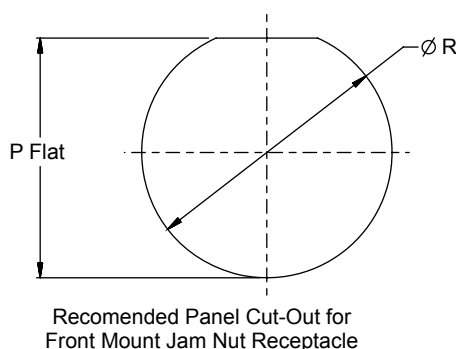
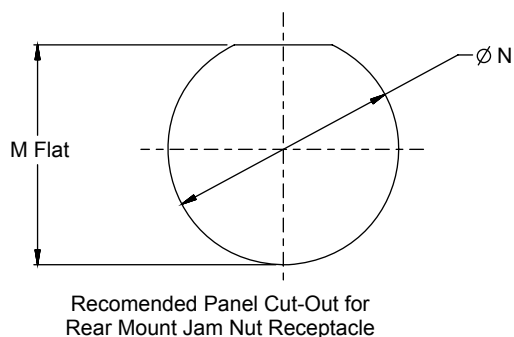
240-804 Ordering Information

Mighty mouse push-pull jam nut receptacle filter connector

How To Order									
Sample Part Number	240-804-	07	M	6-7	P	S	P	A	A
Filter Connector	240-804 = Series 804 Mighty Mouse Push-Pull								
Shell Style	07 = Rear mount jam nut receptacle with PCB contacts 08 = Front mount jam nut receptacle with PCB contacts								
Shell Material/Finish	See Table I								
Insert Arrangement	See pages J-3 - J-7								
Contact Gender	P = Pin S = Socket								
Termination Type	P = PC Tail S = Solder Cup								
Filter Type	P = Pi Circuit C = C Circuit (See Note 1)								
Capacitance	See Table II								
Alternate Key Position	A, B, C, D, E, F, U A = Normal, U = Universal (See page J-2)								

Sym	Material	Finish Description
M	Aluminum	Electroless Nickel
MT		Ni-PTFE 1000 Hour Grey™ Nickel Fluorocarbon Polymer
NF		Cadmium, Olive Drab over Electroless Nickel
ZN		Zinc-Nickel, Olive Drab
ZR		Zinc-Nickel, Black - RoHS
ZL	Stainless Steel	Electro-Deposited Nickel

Class	Pi - Circuit (pF)	C - Circuit (pF)
A	38,000 - 56,000	19,000 - 28,000
B	32,000 - 45,000	16,000 - 22,500
C	18,000 - 33,000	9,000 - 16,500
D	8,000 - 12,000	4,000 - 6,000
E	3,300 - 5,000	1,650 - 2,500
F	800 - 1,300	400 - 650
G	400 - 600	200 - 300
J	70 - 120	35 - 60



Contact Size	Ø U
23	.022 (0.56)
	.018 (0.46)
20	.028 (0.71)
	.024 (0.61)
16	.042 (1.07)
	.038 (0.97)
12	.096 (2.44)
	.092 (2.34)

NOTES

- Other filter styles (C-L, L-C, Unbalanced Pi, Multi-Stage, Multi-Value) are available, please consult the factory.

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

Series 804 Mighty Mouse Filter Connector Jam Nut Receptacle, Push-Pull Quick Disconnect 240-804-07 and -08 Dimensions

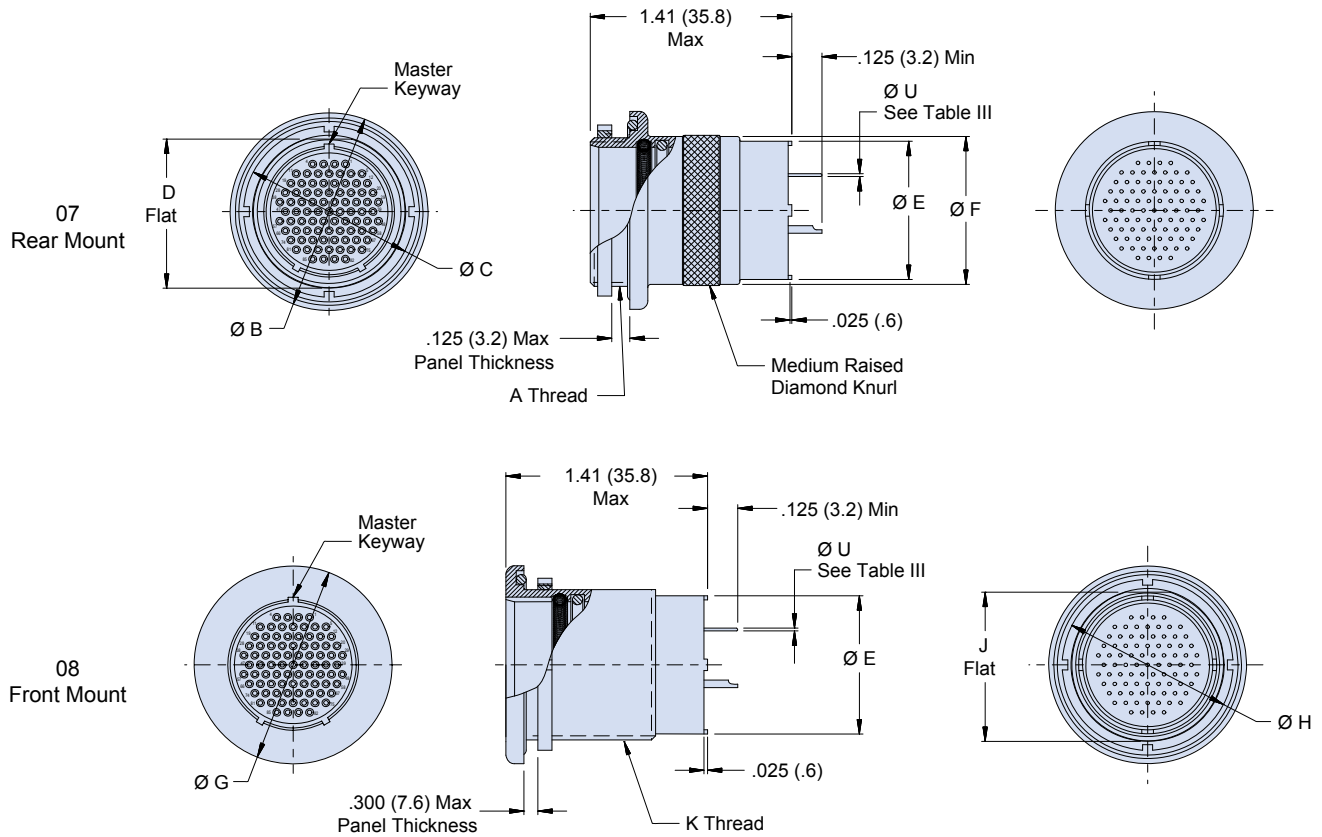


Table III: Dimensions

Shell Size	A Thread	Ø B	Ø C	D Flat	Ø E	Ø F	Ø G	Ø H	J Flat	K Thread	Rear Mount -07		Front Mount -08	
											M Flat	Ø N	P Flat	Ø R
5	.4375-32	.790	.562	.415	.365	.450	.830	.625	.470	.5000-32	.427 (10.9)	.453 (11.5)	.482 (12.2)	.515 (13.1)
	UN-2A	(20.1)	(14.3)	(10.5)	(9.3)	(11.4)	(21.1)	(15.9)	(11.9)	UN-2A	.423 (10.7)	.443 (11.3)	.478 (12.1)	.505 (12.8)
6	.5000-32	.830	.625	.467	.409	.520	.885	.688	.530	.5625-32	.479 (12.2)	.515 (13.1)	.542 (13.8)	.580 (14.7)
	UN-2A	(21.1)	(15.9)	(11.9)	(10.4)	(13.3)	(22.5)	(17.5)	(13.5)	UN-2A	.475 (12.1)	.505 (12.8)	.538 (13.7)	.570 (14.5)
7	.6250-28	.910	.750	.594	.500	.570	.995	.812	.663	.6875-28	.606 (15.4)	.640 (16.3)	.676 (17.2)	.703 (17.9)
	UN-2A	(23.1)	(19.1)	(15.1)	(12.7)	(14.5)	(25.3)	(20.6)	(16.8)	UN-2A	.602 (15.3)	.630 (16.0)	.671 (17.0)	.693 (17.6)
8	.6250-28	.955	.750	.594	.522	.603	.995	.812	.663	.6875-28	.606 (15.4)	.640 (16.3)	.676 (17.2)	.703 (17.9)
	UN-2A	(24.3)	(19.1)	(15.1)	(13.3)	(15.3)	(25.3)	(20.6)	(16.8)	UN-2A	.602 (15.3)	.630 (16.0)	.671 (17.0)	.693 (17.6)
9	.6875-28	1.000	.812	.655	.610	.685	1.075	.875	.720	.7500-28	.667 (17.0)	.700 (17.8)	.732 (18.6)	.765 (19.4)
	UN-2A	(25.4)	(20.6)	(16.6)	(15.5)	(17.4)	(27.3)	(22.2)	(18.3)	UN-2A	.663 (16.8)	.690 (17.5)	.728 (18.5)	.755 (19.2)
10	.7500-28	1.085	.875	.721	.652	.735	1.140	.938	.788	.8125-28	.734 (18.6)	.765 (19.4)	.801 (20.4)	.827 (21.0)
	UN-2A	(27.6)	(22.2)	(18.3)	(16.6)	(18.7)	(29.0)	(23.8)	(20.0)	UN-2A	.729 (18.5)	.755 (19.2)	.796 (20.2)	.817 (20.8)
11	.8125-28	1.135	.938	.788	.694	.810	1.190	1.000	.843	.8750-28	.801 (20.3)	.827 (21.0)	.855 (21.7)	.890 (22.6)
	UN-2A	(28.8)	(23.8)	(20.0)	(17.6)	(20.6)	(30.2)	(25.4)	(21.4)	UN-2A	.796 (20.2)	.817 (20.8)	.851 (21.6)	.880 (22.4)
12	.8750-28	1.180	1.000	.843	.746	.850	1.340	1.125	.970	1.0000-28	.855 (21.7)	.890 (22.6)	.982 (24.9)	1.015 (25.8)
	UN-2A	(30.0)	(25.4)	(21.4)	(18.9)	(21.6)	(34.0)	(28.6)	(24.6)	UN-2A	.851 (21.6)	.880 (22.4)	.978 (24.8)	1.005 (25.5)
14	1.0000-28	1.325	1.125	.968	.871	.973	1.390	1.188	1.020	1.0625-20	.980 (24.9)	1.015 (25.8)	1.032 (26.2)	1.080 (27.4)
	UN-2A	(33.7)	(28.6)	(24.6)	(22.1)	(24.7)	(35.3)	(30.2)	(25.9)	UN-2A	.976 (24.8)	1.005 (25.5)	1.028 (26.1)	1.070 (27.2)

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