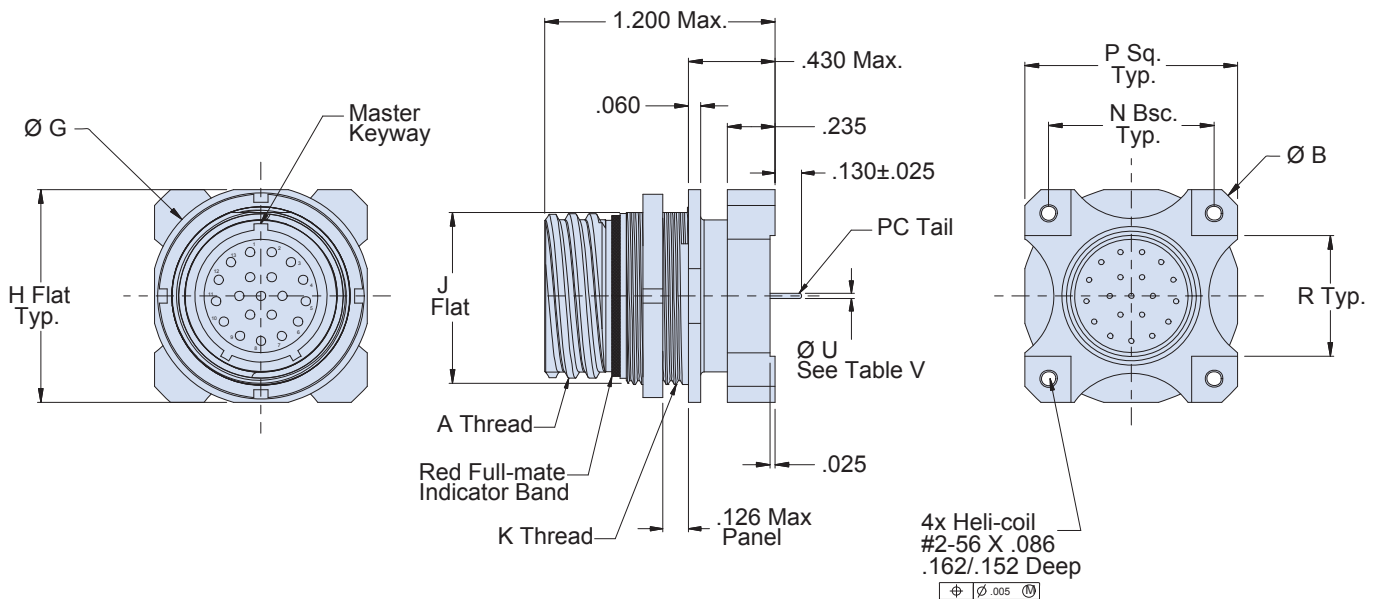


MIGHTY MOUSE FILTER CONNECTOR, DUAL-FLANGE JAM NUT RECEPTACLE

How To Order	
Sample Part Number	240-801- 18 M 6-7 P P P A A
Filter Connector	Series 801 Mighty Mouse
Shell Style	18 = Jam Nut receptacle with PCB contacts
Shell Material/Finish	See Table I
Insert Arrangement	See pages C-3 - C-7
Contact Gender	P = Pin S = Socket
Termination Type	P = PC Tail
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 C-2)



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.

240-801-18
Series 801 Mighty Mouse Filter Connector
 High Density, Quick Coupling Threads



Mighty Mouse

Table I: Connector Class

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

Table II: Capacitor Array Code Capacitance Range

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

**Table V:
PC Tail Dia**

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)

Table III: Dimensions

Shell Size	A Thread	B Dia	G Dia	H Flat	J Flat	K Thread	N Bsc	P Sq	R
5	.3125-.05P-.1L-DS-2A	.720 (18.3)	.575 (14.6)	.545 (13.8)	.350 (8.9)	.3750-28 UN-2A	.363 (9.2)	.530 (13.5)	.143 (3.6)
6	.3750-.05P-.1L-DS-2A	.800 (20.3)	.635 (16.1)	.595 (15.1)	.410 (10.4)	.4375-28 UNEF-2A	.423 (10.7)	.590 (15.0)	.203 (5.2)
7	.4375-.05P-.1L-DS-2A	.900 (22.9)	.755 (19.2)	.723 (18.4)	.536 (13.6)	.5625-32 UN-2A	.483 (12.3)	.650 (16.5)	.263 (6.7)
8	.5000-.05P-.1L-DS-2A	.980 (24.9)	.755 (19.2)	.723 (18.4)	.536 (13.6)	.5625-32 UN-2A	.545 (13.8)	.712 (18.1)	.325 (8.3)
9	.5625-.05P-.1L-DS-2A	1.080 (27.4)	.830 (21.1)	.790 (20.1)	.596 (15.1)	.6250-28 UN-2A	.607 (15.4)	.850 (21.6)	.387 (9.8)
10	.6250-.05P-.1L-DS-2A	1.160 (29.5)	.890 (22.6)	.855 (21.7)	.658 (16.7)	.6875-28 UN-2A	.670 (17.0)	.890 (22.6)	.450 (11.4)
11	.6875-.05P-.1L-DS-2A	1.220 (31.0)	.960 (24.4)	.925 (23.5)	.718 (18.2)	.750-28 UN-2A	.715 (18.2)	.935 (23.7)	.495 (12.6)
13	.8125-.1P-.2L-DS-2A	1.370 (34.8)	1.078 (27.4)	1.044 (26.5)	.845 (21.5)	.875-28 UN-2A	.812 (20.6)	1.030 (26.2)	.592 (15.0)
16	1.000-.1P-.2L-DS-2A	1.620 (41.1)	1.264 (32.1)	1.230 (31.2)	1.022 (26.0)	1.0625-20 UN-2A	.981 (24.9)	1.219 (31.0)	.761 (19.3)
17	1.062-.1P-.2L-DS-2A	1.720 (43.7)	1.325 (33.7)	1.290 (32.8)	1.096 (27.8)	1.125-28 UN-2A	1.060 (26.9)	1.280 (32.5)	.840 (21.3)
19	1.1875-.1P-.2L-DS-2A	1.920 (48.8)	1.450 (36.8)	1.415 (35.9)	1.225 (31.1)	1.250-28 UN-2A	1.191 (30.3)	1.432 (36.4)	.971 (24.7)
21	1.3125-.1P-.2L-DS-2A	2.100 (53.3)	1.625 (41.3)	1.577 (40.1)	1.345 (34.2)	1.375-28 UN-2A	1.322 (33.6)	1.565 (39.8)	1.102 (28.0)

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