



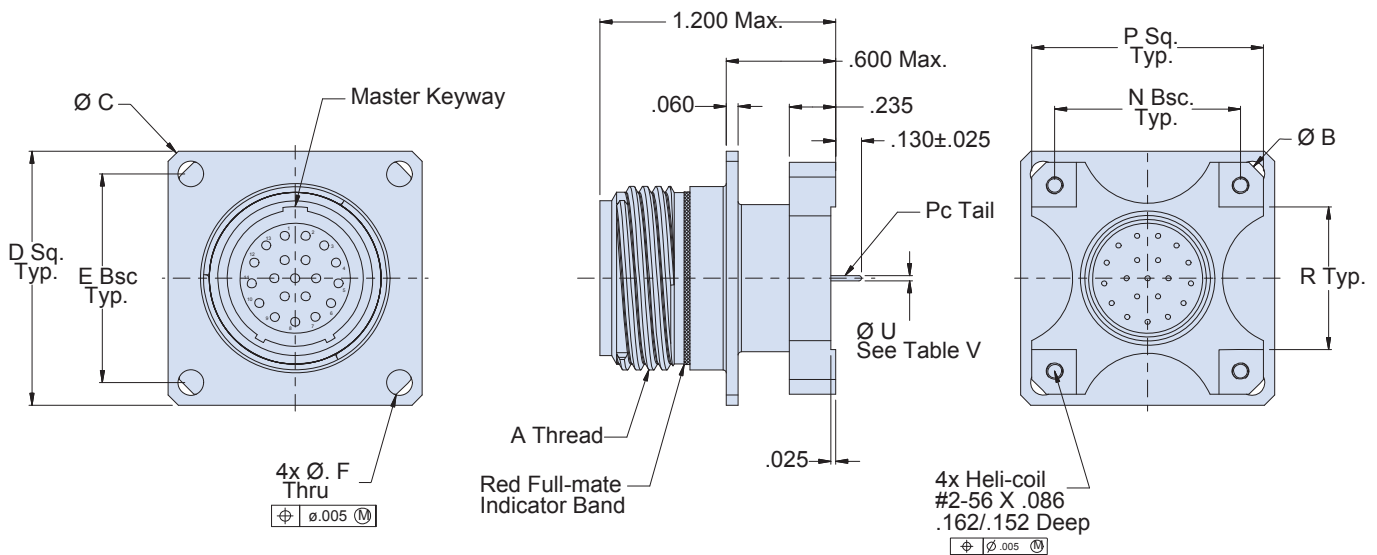
240-805-12

Series 805 Mighty Mouse Filter Connector

Receptacles with Triple-Start ACME Coupling Threads

MIGHTY MOUSE FILTER CONNECTOR, DUAL-FLANGE WALL-MOUNT RECEPTACLE

How To Order									
Sample Part Number	240-805-	12	M	8-7	P	P	P	A	A
Filter Connector	Series 805 Mighty Mouse								
Shell Style	12 = Square flange 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.

240-805-12

Series 805 Mighty Mouse Filter Connector Receptacles with Triple-Start ACME Coupling Threads



Mighty Mouse

Table I: Connector Class

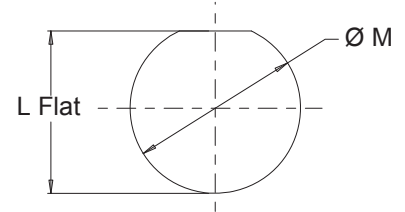
Sym	Material	Finish Description
M	Aluminum	Electroless Nickel
MT		Ni-PTFE 1000 Hour Grey™ Nickel Fluorocarbon Polymer
NF		Cadmium, Olive Drab over Electroless Nickel
ZN		Zinc-Nickel, Olive Drab
ZR		Zinc-Nickel, Black - RoHS
ZL	Stainless Steel	Electro-Deposited Nickel

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)



Recommended Panel Cut-Out

Shell Size	ØM	L Flat
5	.387 (9.8)	.358 (9.1)
	.383 (9.7)	.354 (9.0)
6	.449 (11.4)	.418 (10.6)
	.445 (11.3)	.414 (10.5)
7	.574 (14.6)	.544 (13.8)
	.570 (14.5)	.540 (13.7)
8	.574 (14.6)	.544 (13.8)
	.570 (14.5)	.540 (13.7)
9	.637 (16.2)	.604 (15.3)
	.633 (16.1)	.600 (15.2)
10	.699 (17.8)	.666 (16.9)
	.695 (17.7)	.662 (16.8)
11	.762 (19.4)	.726 (18.4)
	.758 (19.3)	.722 (18.3)
13	.887 (22.5)	.853 (21.7)
	.883 (22.4)	.849 (21.6)
16	1.077 (27.4)	1.030 (26.2)
	1.073 (27.3)	1.026 (26.1)
17	1.137 (28.9)	1.104 (28.0)
	1.133 (28.8)	1.100 (27.9)
19	1.262 (32.1)	1.235 (31.4)
	1.258 (32.0)	1.231 (31.3)
21	1.387 (35.2)	1.355 (34.4)
	1.383 (35.1)	1.351 (34.3)

Table III: Dimensions

Shell Size	A Thread	B Dia	C Dia	D Sq	E Bsc	F Holes	N Bsc	P Sq	R
8	.5000-1P-.3L-TS-2A	.800 (20.3)	1.150 (29.2)	.850 (21.6)	.660 (16.8)	.096 (2.4) .091 (2.3)	.423 (10.7)	.590 (15.0)	.203 (5.2)
9	.5625-1P-.3L-TS-2A	.900 (22.9)	1.230 (31.2)	.913 (23.2)	.723 (18.4)		.483 (12.3)	.650 (16.5)	.263 (6.7)
10	.6250-1P-.3L-TS-2A	.980 (24.9)	1.330 (33.7)	.975 (24.8)	.785 (19.9)		.545 (13.8)	.712 (18.1)	.325 (8.3)
11	.6875-1P-.3L-TS-2A	1.080 (27.4)	1.410 (35.8)	1.039 (26.4)	.848 (21.5)		.607 (15.4)	.850 (21.6)	.387 (9.8)
12	.7500-1P-.3L-TS-2A	1.160 (29.5)	1.500 (38.1)	1.099 (27.9)	.909 (23.1)		.670 (17.0)	.890 (22.6)	.450 (11.4)
13	.8125-1P-.3L-TS-2A	1.220 (31.0)	1.590 (40.4)	1.163 (29.5)	.973 (24.7)		.715 (18.2)	.935 (23.7)	.495 (12.6)
15	.9375-1P-.3L-TS-2A	1.370 (34.8)	1.750 (44.5)	1.288 (32.7)	1.058 (26.9)	.130 (3.3) .126 (3.2)	.812 (20.6)	1.030 (26.2)	.592 (15.0)
18	1.1250-1P-.3L-TS-2A	1.620 (41.1)	2.000 (50.8)	1.475 (37.5)	1.255 (31.9)		.981 (24.9)	1.219 (31.0)	.761 (19.3)
19	1.1870-1P-.3L-TS-2A	1.720 (43.7)	2.094 (53.2)	1.537 (39.0)	1.327 (33.7)		1.060 (26.9)	1.280 (32.5)	.840 (21.3)
21	1.3125-1P-.3L-TS-2A	1.920 (48.8)	2.270 (57.7)	1.663 (42.2)	1.452 (36.9)		1.191 (30.3)	1.432 (36.4)	.971 (24.7)
23	1.4375-1P-.3L-TS-2A	2.100 (53.3)	2.440 (62.0)	1.787 (45.4)	1.570 (39.9)		1.322 (33.6)	1.565 (39.8)	1.102 (28.0)

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EMI/EMP Filter Connectors

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