



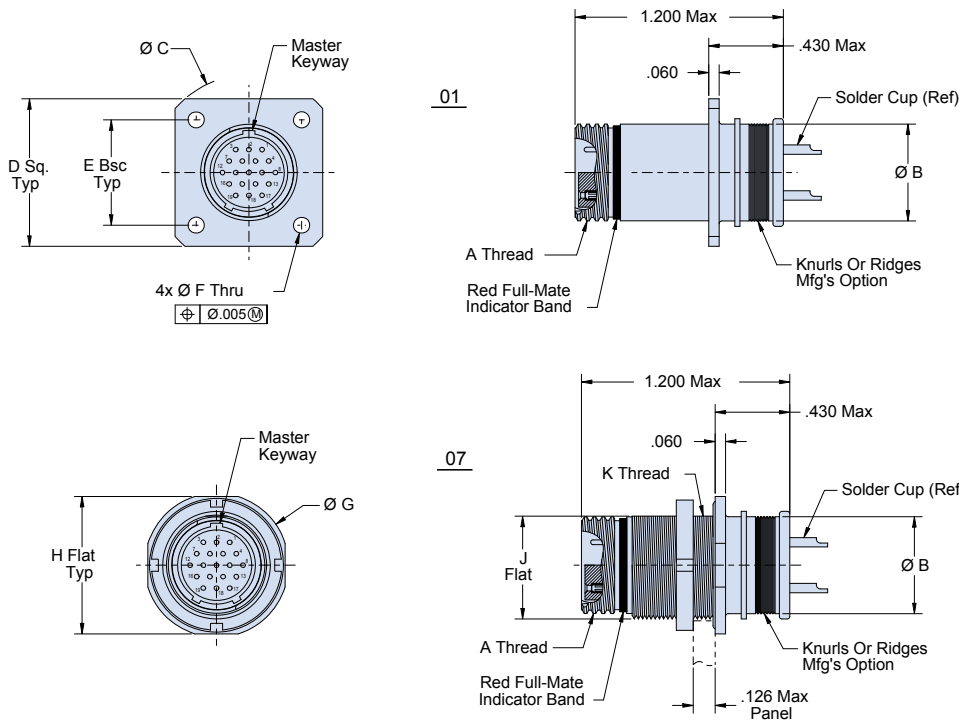
Series 801 Mighty Mouse Filter Connector

High Density, Quick Coupling Threads

240-801 Ordering Information

Mighty mouse filter connector with solder cup contacts and banding platform

How To Order	
Sample Part Number	240-801- 07 M 6-7 P S P A A
Filter Connector	240-801 = Series 801 Mighty Mouse
Shell Style	01 = Square flange receptacle with banding platform 07 = Jam nut receptacle with banding platform
Shell Material/Finish	See Table I
Insert Arrangement	See pages J-3 – J-7
Contact Gender	P = Pin S = Socket
Termination Type	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)



NOTES

1. 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 801 Mighty Mouse Filter Connector

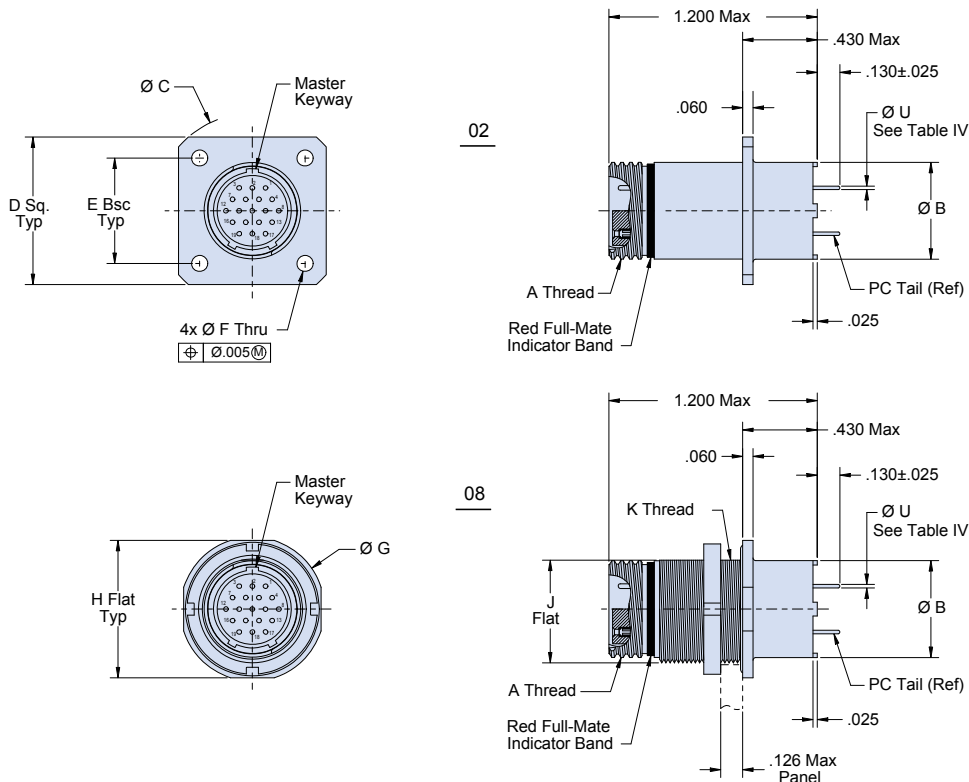
High Density, Quick Coupling Threads

240-801 Ordering Information



Mighty mouse filter connector with PC tail contacts

How To Order	
Sample Part Number	240-801- 02 M 6-7 P P P A A
Filter Connector	240-801 = Series 801 Mighty Mouse
Shell Style	02 = Square flange receptacle with PCB contacts 08 = 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
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)



NOTES

1. 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 801 Mighty Mouse Filter Connector

High Density, Quick Coupling Threads

240-801 Dimensions

Mighty mouse filter connector with solder cup contacts and banding platform

Table I: Material and Finish

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

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)

Dimensions

Shell Size	A Thread	B Dia	C Dia	D Sq	E Bsc	F Holes	G Dia	H Flat	J Flat	K Thread
5	.3125-.05P-.1L-2A	.365 (9.3)	.680 (17.3)	.530 (13.5)	.363 (9.2)	.096 (2.4) .091 (2.3)	.575 (14.6)	.545 (13.8)	.350 (8.9)	.3750-28 UN-2A
6	.3750-.05P-.1L-2A	.409 (10.4)	.750 (19.1)	.590 (15.0)	.423 (10.7)		.635 (16.1)	.595 (15.1)	.410 (10.4)	.4375-28 UNEF-2A
7	.4375-.05P-.1L-2A	.500 (12.7)	.850 (21.6)	.650 (16.5)	.483 (12.3)		.755 (19.2)	.723 (18.4)	.536 (13.6)	.5625-32 UN-2A
8	.5000-.05P-.1L-2A	.522 (13.3)	.938 (23.8)	.712 (18.1)	.545 (13.8)		.755 (19.2)	.723 (18.4)	.536 (13.6)	.5625-32 UN-2A
9	.5625-.05P-.1L-2A	.610 (15.5)	1.125 (28.6)	.850 (21.6)	.607 (15.4)		.830 (21.1)	.790 (20.1)	.596 (15.1)	.6250-28 UN-2A
10	.6250-.05P-.1L-2A	.652 (16.6)	1.188 (30.2)	.890 (22.6)	.670 (17.0)	.130 (3.3) .126 (3.2)	.890 (22.6)	.855 (21.7)	.658 (16.7)	.6875-28 UN-2A
11	.6875-.05P-.1L-2A	.694 (17.6)	1.250 (31.8)	.935 (23.8)	.715 (18.2)		.960 (24.4)	.925 (23.5)	.718 (18.2)	.750-28 UN-2A
13	.8125-.1P-.2L-2A	.746 (18.9)	1.375 (34.9)	1.030 (26.2)	.812 (20.6)		1.078 (27.4)	1.044 (26.5)	.845 (21.5)	.875-28 UN-2A
16	1.000-.1P-.2L-2A	.871 (22.1)	1.625 (41.3)	1.219 (31.0)	.981 (24.9)		1.264 (32.1)	1.230 (31.2)	1.022 (26.0)	1.0625-20 UN-2A
17	1.062-.1P-.2L-2A	.965 (24.5)	1.700 (43.2)	1.280 (32.5)	1.060 (26.9)		1.325 (33.7)	1.290 (32.8)	1.096 (27.8)	1.125-28 UN-2A
19	1.1875-.1P-.2L-2A	1.078 (27.4)	1.900 (48.3)	1.432 (36.8)	1.191 (30.3)		1.450 (36.8)	1.415 (35.9)	1.225 (31.1)	1.250-28 UN-2A
21	1.3125-.1P-.2L-2A	1.186 (30.1)	1.938 (49.2)	1.565 (39.8)	1.322 (33.6)		1.625 (41.3)	1.577 (40.1)	1.345 (34.2)	1.375-28 UN-2A

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

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Series 80 Mighty Mouse

U.S. CAGE Code 06324

Printed in U.S.A.

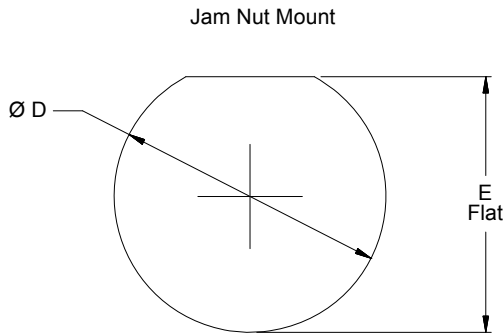
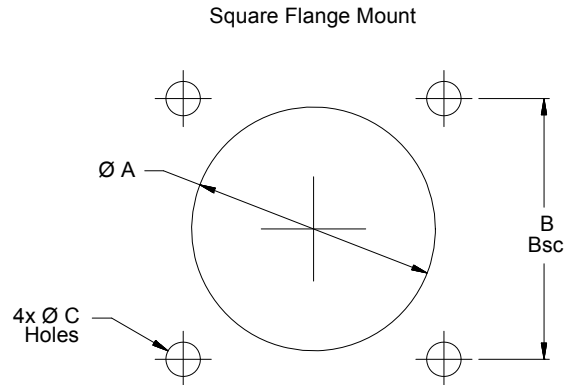
Series 801 Mighty Mouse Filter Connector

High Density, Quick Coupling Threads

240-801 Dimensions



Series 801 Mighty Mouse Square Flange Cut-Outs			
Shell Size	ØA	B Bsc	ØC Holes
5	.328 (8.33)	.363 (9.22)	.096 (2.44) .091 (2.31)
6	.390 (9.91)	.423 (10.74)	
7	.453 (11.51)	.483 (12.27)	
8	.515 (13.08)	.545 (13.84)	.130 (3.30) .126 (3.20)
9	.578 (14.68)	.607 (15.42)	
10	.640 (16.26)	.670 (17.02)	
11	.703 (17.86)	.715 (18.16)	
13	.828 (21.03)	.812 (20.62)	
16	1.015 (25.78)	.981 (24.92)	
17	1.078 (27.38)	1.060 (26.92)	
19	1.203 (30.56)	1.191 (30.25)	
21	1.328 (33.73)	1.322 (33.58)	



Series 801 Mighty Mouse Jam Nut Cut-Outs		
Shell Size	ØD	E 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)

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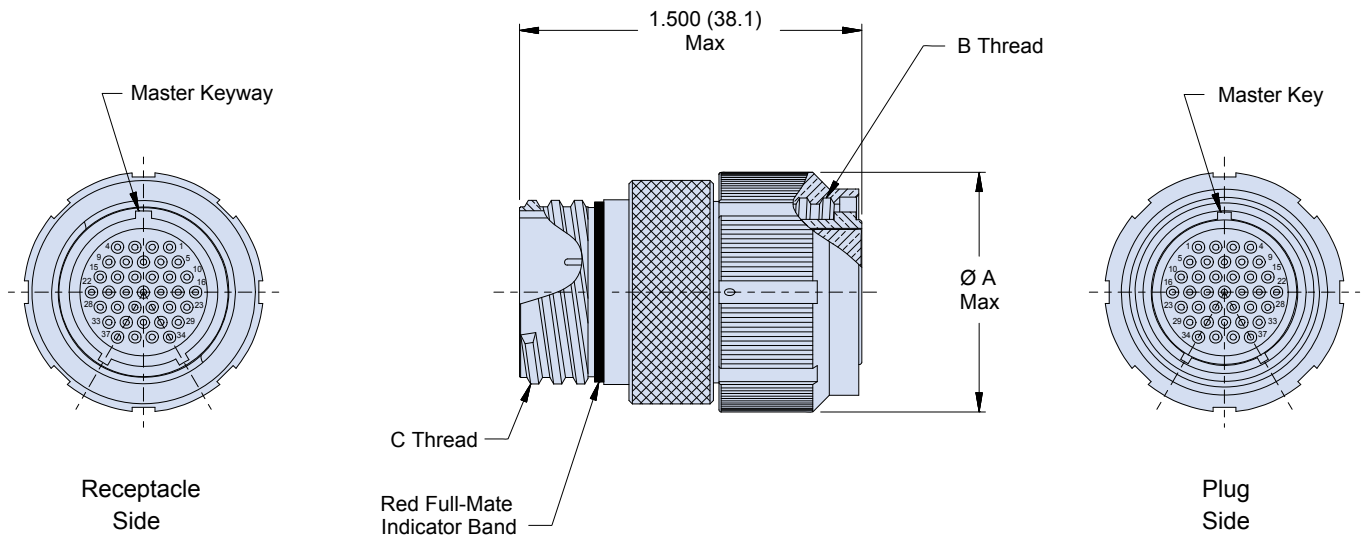
Series 801 Mighty Mouse Filter Connector Adapter

High Density, Quick Coupling Threads

240-801-AA Ordering Information

Mighty mouse filter connector adapter

How To Order	
Sample Part Number	240-801- AA M 6-7 PS P A A
Filter Connector	240-801 = Series 801 Mighty Mouse
Shell Style	AA = Adapter
Shell Material/Finish	See Table I
Insert Arrangement	See pages J-3 – J-7
Contact Gender	PS = Pins, Plug Side SP = Sockets, Plug Side (See Note 2)
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)



NOTES

1. Other filter styles (C-L, L-C, Unbalanced Pi, Multi-Stage, Multi-Value) are available, please consult the factory.
2. Please consult factory for Pin/Pin and/or Socket/Socket contact arrangements.

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

Series 801 Mighty Mouse Filter Connector Adapter

High Density, Quick Coupling Threads

240-801-AA Dimensions



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

Shell Size	Ø A Max	B Thread	C Thread
5	.720 (18.3)	.3125-.05P-.1L-DS-2B	.3125-.05P-.1L-DS-2A
6	.750 (19.1)	.3750-.05P-.1L-DS-2B	.3750-.05P-.1L-DS-2A
7	.850 (21.6)	.4375-.05P-.1L-DS-2B	.4375-.05P-.1L-DS-2A
8	.870 (22.1)	.5000-.05P-.1L-DS-2B	.5000-.05P-.1L-DS-2A
9	.930 (23.6)	.5625-.05P-.1L-DS-2B	.5625-.05P-.1L-DS-2A
10	1.000 (25.4)	.6250-.05P-.1L-DS-2B	.6250-.05P-.1L-DS-2A
11	1.100 (27.9)	.6875-.05P-.1L-DS-2B	.6875-.05P-.1L-DS-2A
13	1.170 (29.7)	.8125-.1P-.2L-DS-2B	.8125-.1P-.2L-DS-2A
16	1.380 (35.1)	1.0000-.1P-.2L-DS-2B	1.0000-.1P-.2L-DS-2A
17	1.460 (37.1)	1.0625-.1P-.2L-DS-2B	1.0625-.1P-.2L-DS-2A
19	1.600 (40.6)	1.1875-.1P-.2L-DS-2B	1.1875-.1P-.1L-DS-2A
21	1.850 (47.0)	1.3125-.1P-.2L-DS-2B	1.3125-.1P-.2L-DS-2A



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