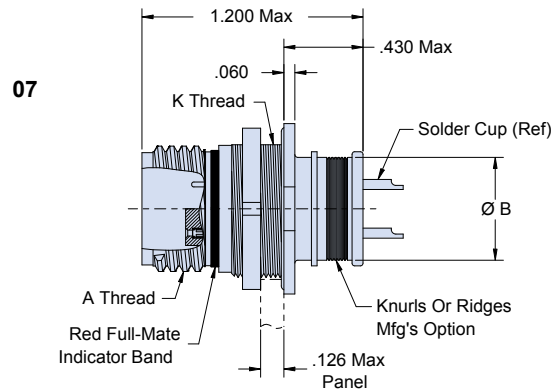
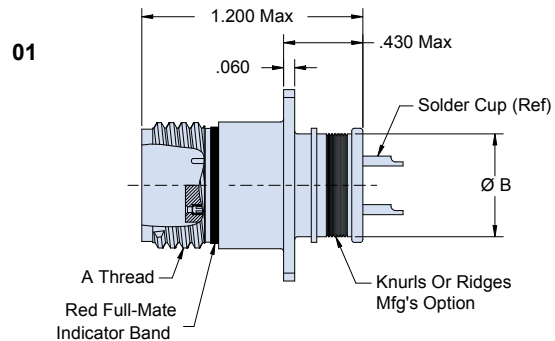
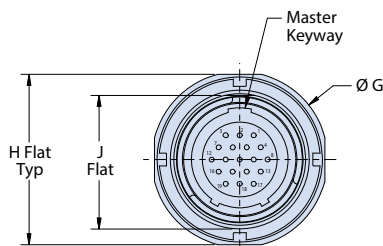
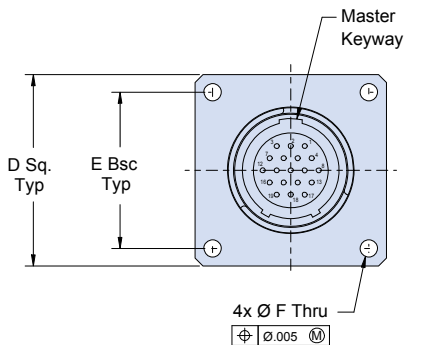




# Series 805 Mighty Mouse Filter Connector Receptacles with Triple-Start ACME Coupling Threads, 240-805 Ordering Information

## Mighty mouse triple-start receptacle filter connector with solder cup contacts and banding platform

How To Order	
Sample Part Number	240-805- 07 M 8-7 P S P A A
Filter Connector	240-805 = Series 805 Mighty Mouse Triple-Start
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

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

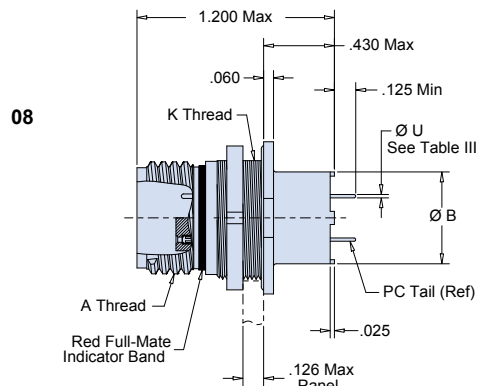
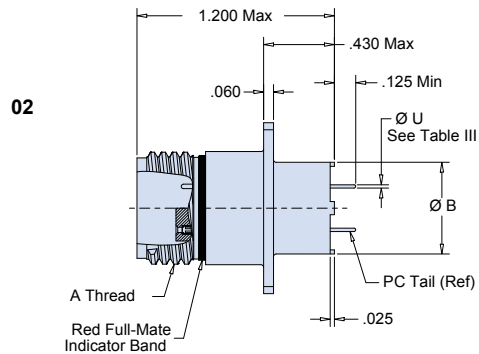
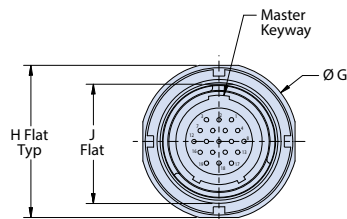
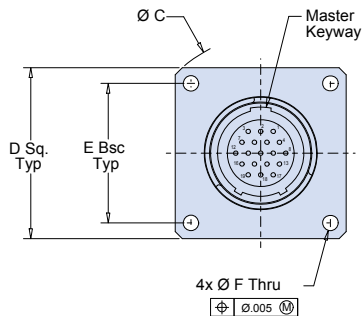
Dimensions in inches (millimeters) and are subject to change without notice.

# Series 805 Mighty Mouse Filter Connector Receptacles with Triple-Start ACME Coupling Threads, 240-805 Ordering Informaton



## Mighty mouse triple-start receptacle filter connector with PCB contacts

How To Order	
<b>Sample Part Number</b>	<b>240-805-</b> <b>02</b> <b>M</b> <b>8-7</b> <b>P</b> <b>P</b> <b>P</b> <b>A</b> <b>A</b>
<b>Filter Connector</b>	Series 805 Mighty Mouse Triple-Start
<b>Shell Style</b>	<b>02</b> = Square flange receptacle with PCB contacts <b>08</b> = Jam nut receptacle with with PCB contacts
<b>Shell Material/Finish</b>	See Table I
<b>Insert Arrangement</b>	See pages J-3 – J-7
<b>Contact Gender</b>	<b>P</b> = Pin <b>S</b> = Socket
<b>Termination Type</b>	<b>P</b> = PC Tail
<b>Filter Type</b>	<b>P</b> = Pi Circuit <b>C</b> = C Circuit (See Note 1)
<b>Capacitance</b>	See Table II
<b>Alternate Key Position</b>	<b>A, B, C, D, E, F, U</b> <b>A</b> = Normal, <b>U</b> = Universal (See page J-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.





## Series 805 Mighty Mouse Filter Connector Receptacles with Triple-Start ACME Coupling Threads 240-805 Dimensions

**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

**Table III: 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**

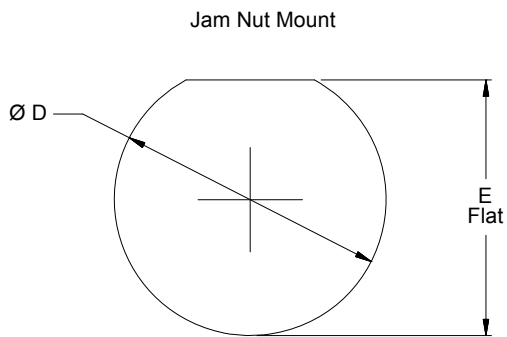
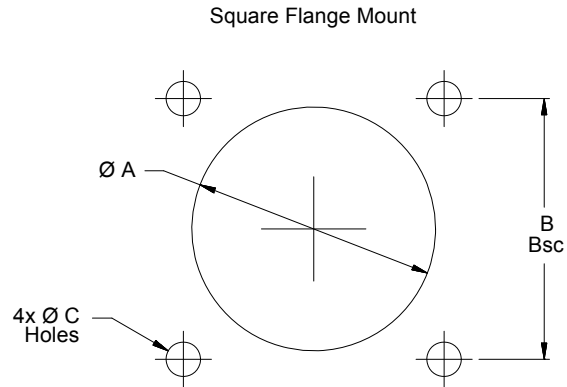
Shell Size	A Thread	B Dia	C Dia	D Sq	E Bsc	F Holes	G Dia	H Flat	J Flat	K Thread
8	.5000-1P-3L-TS-2A	.413 (10.5)	1.150 (29.2)	.850 (21.6)	.660 (16.8)	.096 (2.4) .091 (2.3)	.760 (19.3)	.730 (18.5)	.535 (13.6)	.5625-28 UN-2A
9	.5625-1P-3L-TS-2A	.500 (12.7)	1.230 (31.2)	.913 (23.2)	.723 (18.4)		.880 (22.4)	.850 (21.6)	.661 (16.8)	.6875-28 UN-2A
10	.6250-1P-3L-TS-2A	.530 (13.5)	1.330 (33.7)	.975 (24.8)	.785 (19.9)		.880 (22.4)	.850 (21.6)	.661 (16.8)	.6875-28 UN-2A
11	.6875-1P-3L-TS-2A	.610 (15.5)	1.410 (35.8)	1.039 (26.4)	.848 (21.5)		.955 (24.3)	.925 (23.5)	.721 (18.3)	.7500-28 UN-2A
12	.7500-1P-3L-TS-2A	.655 (16.6)	1.500 (38.1)	1.099 (27.9)	.909 (23.1)		1.060 (26.9)	1.035 (26.3)	.784 (19.9)	.8125-28 UN-2A
13	.8125-1P-3L-TS-2A	.685 (17.4)	1.590 (40.4)	1.163 (29.5)	.973 (24.7)	.130 (3.3) .126 (3.2)	1.120 (28.4)	1.090 (27.7)	.843 (21.4)	.8750-28 UN-2A
15	.9375-1P-3L-TS-2A	.746 (18.9)	1.750 (44.5)	1.288 (32.7)	1.058 (26.9)		1.203 (30.6)	1.173 (29.8)	.970 (24.6)	1.000-28 UN-2A
18	1.1250-1P-3L-TS-2A	.871 (22.1)	2.000 (50.8)	1.475 (37.5)	1.255 (31.9)		1.389 (35.3)	1.359 (34.5)	1.147 (29.1)	1.187-28 UN-2A
19	1.1870-1P-3L-TS-2A	.972 (24.7)	2.094 (53.2)	1.537 (39.0)	1.327 (33.7)		1.450 (36.8)	1.420 (36.1)	1.221 (31.0)	1.250-28 UN-2A
21	1.3125-1P-3L-TS-2A	1.084 (27.5)	2.270 (57.7)	1.663 (42.2)	1.452 (36.9)		1.590 (40.4)	1.560 (39.6)	1.350 (34.3)	1.3750-28 UN-2A
23	1.4375-1P-3L-TS-2A	1.186 (30.1)	2.440 (62.0)	1.787 (45.4)	1.570 (39.9)	1.705 (43.3)	1.675 (42.5)	1.470 (37.3)	1.500-28 UN-2A	

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

# Series 805 Mighty Mouse Filter Connector Receptacles with Triple-Start ACME Coupling Threads 240-805 Dimensions



Series 805 Mighty Mouse Square Flange Cut-Outs			
Shell Size	ØA	B Bsc	ØC Holes
8	.515 (13.08)	.660 (16.76)	.096 (2.4) .091 (2.3)
9	.578 (14.68)	.723 (18.36)	
10	.640 (16.26)	.785 (19.94)	
11	.703 (17.86)	.848 (21.54)	
12	.765 (19.43)	.909 (23.09)	
13	.828 (21.03)	.973 (24.71)	
15	.953 (24.21)	1.058 (26.87)	.130 (3.3) .126 (3.2)
18	1.140 (28.96)	1.255 (31.88)	
19	1.203 (30.56)	1.327 (33.71)	
21	1.328 (33.73)	1.452 (36.88)	
23	1.453 (36.91)	1.570 (39.88)	



Series 805 Mighty Mouse Jam Nut Cut-Outs		
Shell Size	ØD	E Flat
8	.575 (14.6)	.547 (13.9)
	.571 (14.5)	.543 (13.8)
9	.700 (17.8)	.673 (17.1)
	.696 (17.7)	.669 (17.0)
10	.700 (17.8)	.673 (17.1)
	.696 (17.7)	.669 (17.0)
11	.762 (19.4)	.733 (18.6)
	.758 (19.3)	.729 (18.5)
12	.825 (21.0)	.796 (20.2)
	.821 (20.9)	.792 (20.1)
13	.887 (22.5)	.853 (21.7)
	.883 (22.4)	.849 (21.6)
15	1.012 (25.7)	.982 (24.9)
	1.008 (25.6)	.978 (24.8)
18	1.200 (30.5)	1.159 (29.4)
	1.196 (30.4)	1.155 (29.3)
19	1.262 (32.1)	1.233 (31.3)
	1.258 (32.0)	1.229 (31.2)
21	1.387 (35.2)	1.360 (34.5)
	1.383 (35.1)	1.356 (34.4)
23	1.512 (38.4)	1.482 (37.6)
	1.508 (38.3)	1.478 (37.5)

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



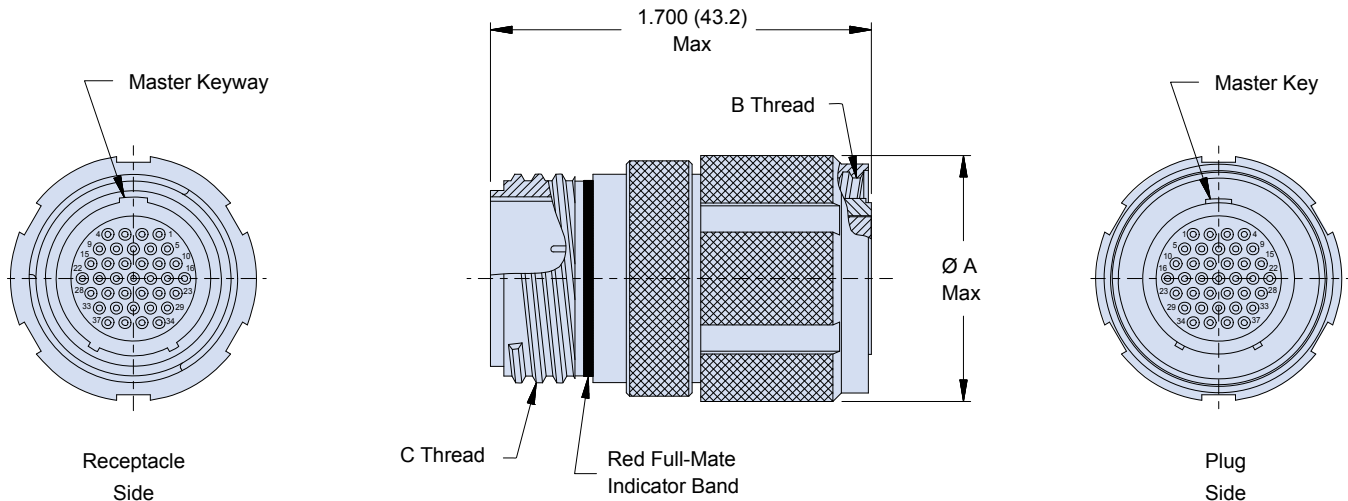


# Series 805 Mighty Mouse Filter Connector Adapter with Triple-Start ACME Coupling Threads

## 240-805-AA Ordering Information

### Mighty mouse triple-start connector adapter

How To Order	
Sample Part Number	240-805-AA M 8-7 PS P A A
Filter Connector	240-805 = Series 805 Mighty Mouse Triple-Start
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

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

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

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Series 80 Mighty Mouse

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# Series 805 Mighty Mouse Filter Connector Adapter with Triple-Start ACME Coupling Threads 240-805-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
8	.870 (22.1)	.5000-.1P-.3L-TS-2B	.5000-.1P-.3L-TS-2A
9	.930 (23.6)	.5625-.1P-.3L-TS-2B	.5625-.1P-.3L-TS-2A
10	1.000 (25.4)	.6250-.1P-.3L-TS-2B	.6250-.1P-.3L-TS-2A
11	1.170 (29.7)	.6875-.1P-.3L-TS-2B	.6875-.1P-.3L-TS-2A
12	1.170 (29.7)	.7500-.1P-.3L-TS-2B	.7500-.1P-.3L-TS-2A
13	1.300 (33.0)	.8125-.1P-.3L-TS-2B	.8125-.1P-.3L-TS-2A
15	1.350 (34.3)	.9375-.1P-.3L-TS-2B	.9375-.1P-.3L-TS-2A
18	1.600 (40.6)	1.1250-.1P-.3L-TS-2B	1.1250-.1P-.3L-TS-2A
19	1.600 (40.6)	1.1875-.1P-.3L-TS-2B	1.1875-.1P-.3L-TS-2A
21	1.750 (44.5)	1.3125-.1P-.3L-TS-2B	1.3125-.1P-.3L-TS-2A
23	1.850 (47.0)	1.4375-.1P-.3L-TS-2B	1.4375-.1P-.3L-TS-2A



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