



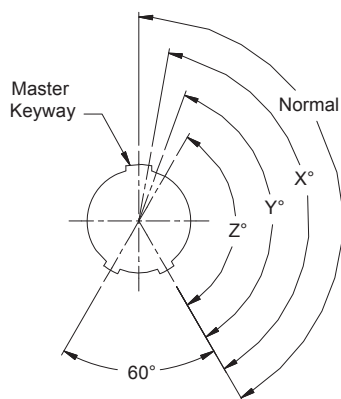
240-800

Series 800 Mighty Mouse Filter Receptacle Connector

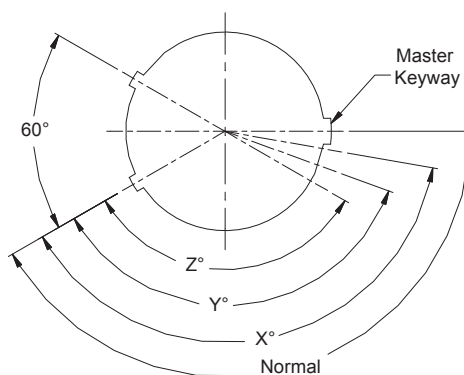
UN Mating Threads, Square Flange or Jam Nut

MIGHTY MOUSE UN THREADED RECEPTACLE, SQUARE FLANGE OR JAM NUT

How To Order									
Sample Part Number	240-800-	02	M	6-7	P	S	P	A	N
Filter Connector	Series 800 Mighty Mouse								
Shell Style	01 = Square flange receptacle with solder cup contacts and banding platform 07 = Jam nut receptacle with solder cup contacts and banding platform 02 = Square flange receptacle with PCB contacts 08 = Jam nut receptacle with PCB contacts								
Shell Material/Finish	See Table II								
Insert Arrangement	See page C-23								
Contact Gender	P = Pin S = Socket								
Termination	P = PC Tail (shell styles 02 and 08 only) S = Solder Cup (shell styles 01 and 07 only)								
Filter Type	P = Pi Circuit C = C Circuit (See Note 1)								
Capacitance	See Table III								
Alternate Keyway Position	X, Y, Z, N = Normal								



Keyway Positions
(See Table I)
Shell Sizes 5 & 6



Keyway Positions
(See Table I)
Shell Sizes 7 - 12

Table I: Alternate Keyway Positions	
Normal	150°
X	140°
Y	130°
Z	120°

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

240-800

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Mighty Mouse

C

Contact Arrangements

Contact Arr.	No. of Contacts				
	#23	#20	#20HD	#16	#12
5-3	3				
6-1				1	
6-23			3		
6-4	4				
6-6	6				
6-7	7				
7-1					1
7-25			5		
7-10	10				
8-2				2	
8-28			8		
8-13	13				
8-200	4	2			
9-4				4	
9-210			10		
9-19	19				
9-200	4			2	
9-201	8	2			
10-2					2
10-5				5	
10-26	26				
10-200	12				1
10-201	4				2
10-202	8			2	
12-2					2
12-3					3
12-7				7	
12-220			20		
12-37	37				
12-200	6				2
12-201	10				2

Table II: 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 III: 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 IV:
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)

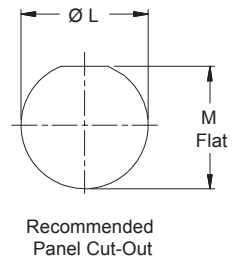


Table V: Dimensions

Shell Size	A Thread	B Sq.	C Bsc	Ø D	Ø E	Ø G	H Flat	J Flat	Ø L ±.003 (0.05)	M Flat ±.005 (0.13)
5	.3125-28 UN-2A	.527 (13.4)	.363 (9.2)	.680 (17.3)	.365 (9.3)	.541 (13.7)	.500 (12.7)	.285 (7.2)	.297 (7.54)	.322 (8.18)
6	.3750-28 UN-2A	.588 (14.9)	.423 (10.7)	.750 (19.1)	.409 (10.4)	.610 (15.5)	.562 (14.3)	.352 (8.9)	.360 (9.14)	.385 (9.78)
7	.4375-28 UNEF-2A	.650 (16.5)	.483 (12.3)	.830 (21.1)	.500 (12.7)	.670 (17.0)	.635 (16.1)	.411 (10.4)	.426 (10.82)	.447 (11.35)
8	.5000-32 UN-2A	.710 (18.0)	.542 (13.8)	.938 (23.8)	.522 (13.3)	.775 (19.7)	.735 (18.7)	.473 (12.0)	.481 (12.22)	.510 (12.95)
9	.5625-32 UN-2A	.938 (23.8)	.719 (18.3)	1.250 (31.8)	.610 (15.5)	.875 (22.2)	.806 (20.5)	.530 (13.5)	.539 (13.69)	.572 (14.53)
10	.6250-32 UN-2A	.938 (23.8)	.719 (18.3)	1.250 (31.8)	.652 (16.6)	.980 (24.9)	.940 (23.9)	.604 (15.3)	.612 (15.54)	.635 (16.13)
12	.7500-28 UN-2A	1.031 (26.2)	.812 (20.6)	1.375 (34.9)	.746 (18.9)	1.062 (27.0)	.986 (25.0)	.712 (18.1)	.719 (18.26)	.760 (19.30)

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

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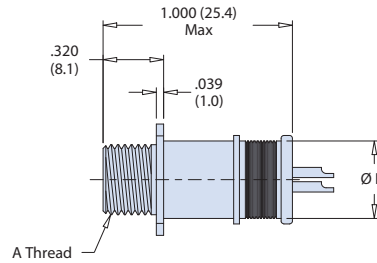
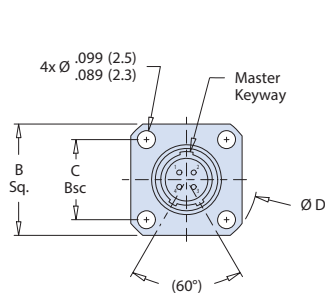
EMI/EMP Filter Connectors

U.S. CAGE Code 06324

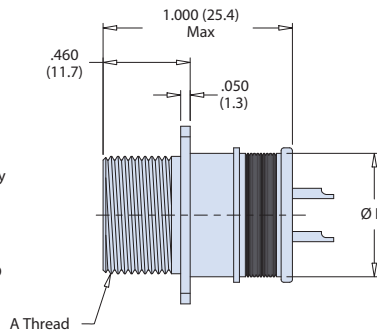
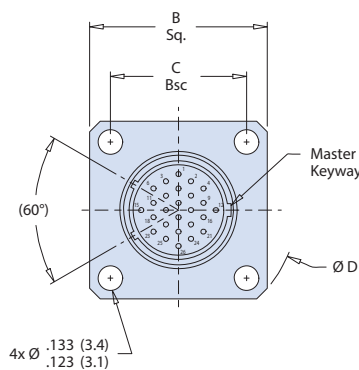
Rev. 06.02.15

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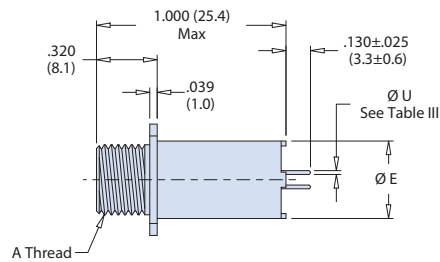
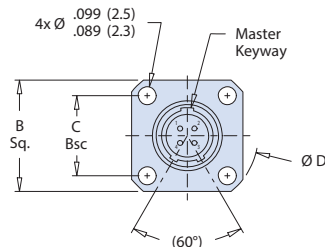
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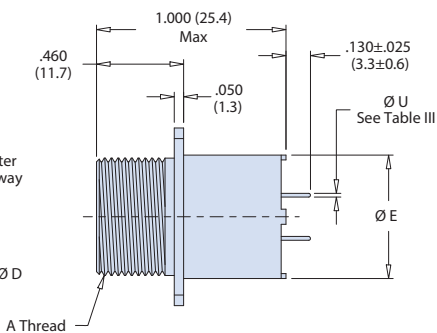
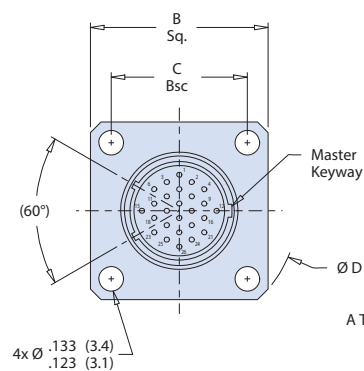
-01 Solder Cup
Sq. Flange Mount
Shell Sizes 5 & 6



-01 Solder Cup
Sq. Flange Mount
Shell Sizes 7 - 12



-02 PC Tail
Sq. Flange Mount
Shell Sizes 5 & 6



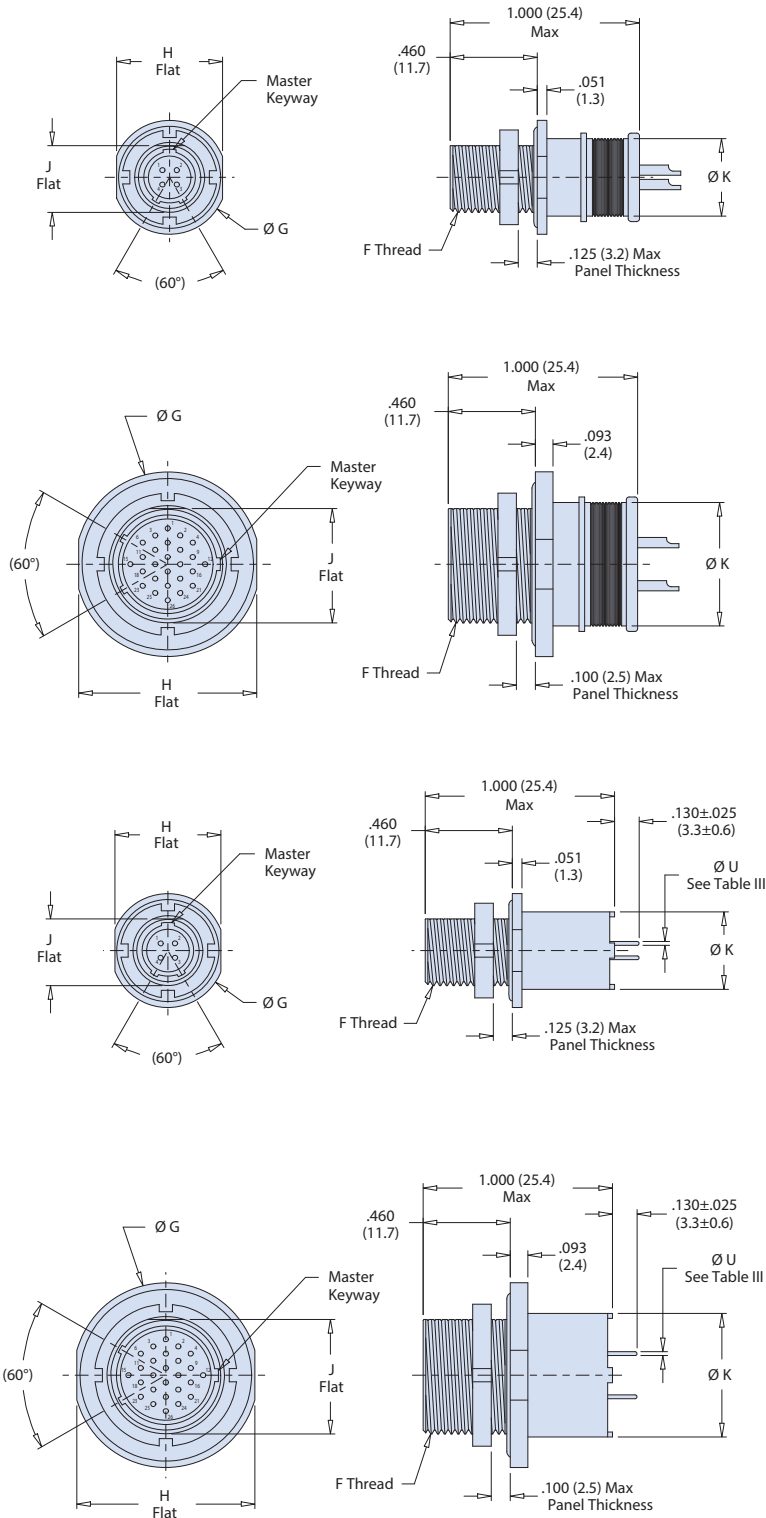
-02 PC Tail
Sq. Flange Mount
Shell Sizes 7 - 12

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240-800
Series 800 Mighty Mouse Filter Receptacle Connector
UN Mating Threads, Jam Nut



Mighty Mouse



-07 Solder Cup
 Jam Nut Mount
 Shell Sizes 5 & 6

-07 Solder Cup
 Jam Nut Mount
 Shell Sizes 7 - 12

-08 PC Tail
 Jam Nut Mount
 Shell Sizes 5 & 6

-08 PC Tail
 Jam Nut Mount
 Shell Sizes 7 - 12

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