



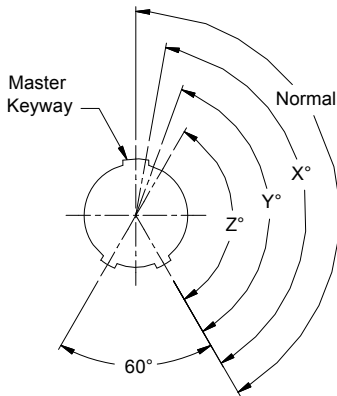
Series 800 Mighty Mouse Filter Connector

UN Mating Threads, Solder Cup, PCB Receptacle

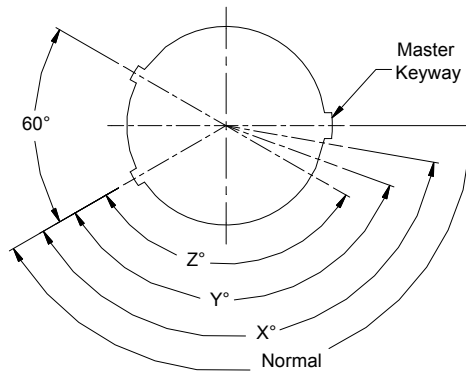
240-800 Ordering Information

Mighty mouse UN mating thread receptacle, square flange or jam nut

How To Order	
Sample Part Number	240-800- 02 M 6-7 P P A N
Filter Connector	240-800 = Series 800 Mighty Mouse
Shell Style	01 = Square flange receptacle with solder cup contacts and banding platform 02 = Square flange receptacle with PCB contact 07 = Jam nut receptacle with solder cup contacts and banding platform 08 = Jam nut receptacle with PCB contacts
Shell Material/Finish	See Table II
Insert Arrangement	See page J-23
Contact Gender	P = Pin S = Socket
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

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

Series 800 Mighty Mouse Filter Connector

UN Mating Threads, Solder Cup, PCB Receptacle

240-800 Dimensions



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

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

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 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.

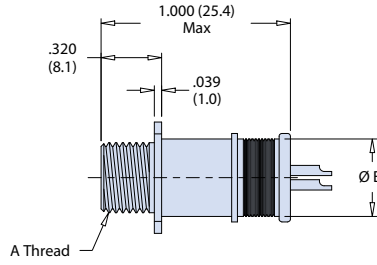
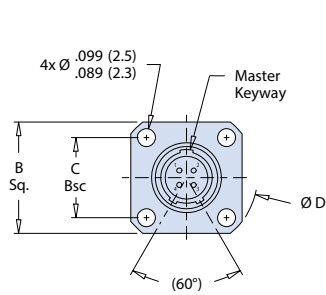




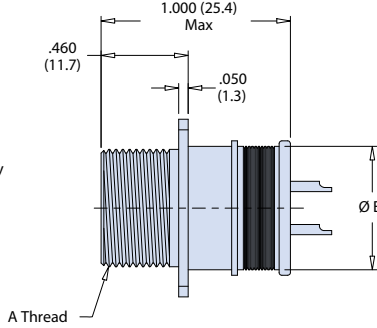
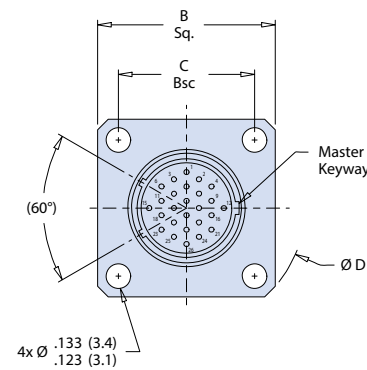
Series 80 Mighty Mouse Filter Receptacle Connector

UN Mating Threads, Square Flange

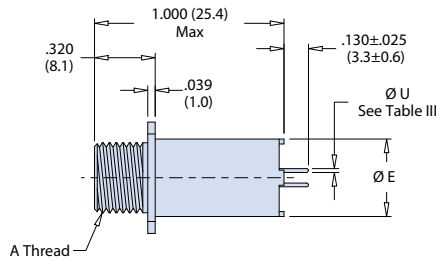
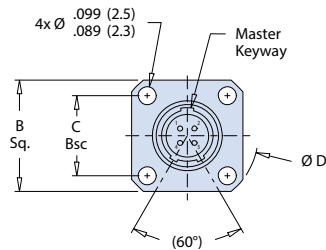
240-800 Dimensions



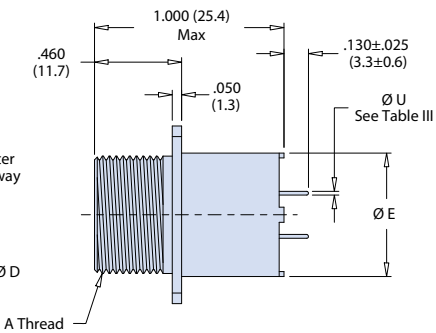
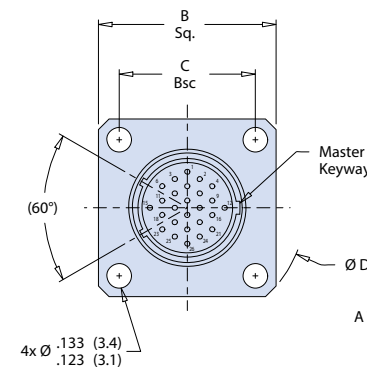
-01 Solder Cup
Sq. Flange Mount
Shell Sizes 5 & 6



-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

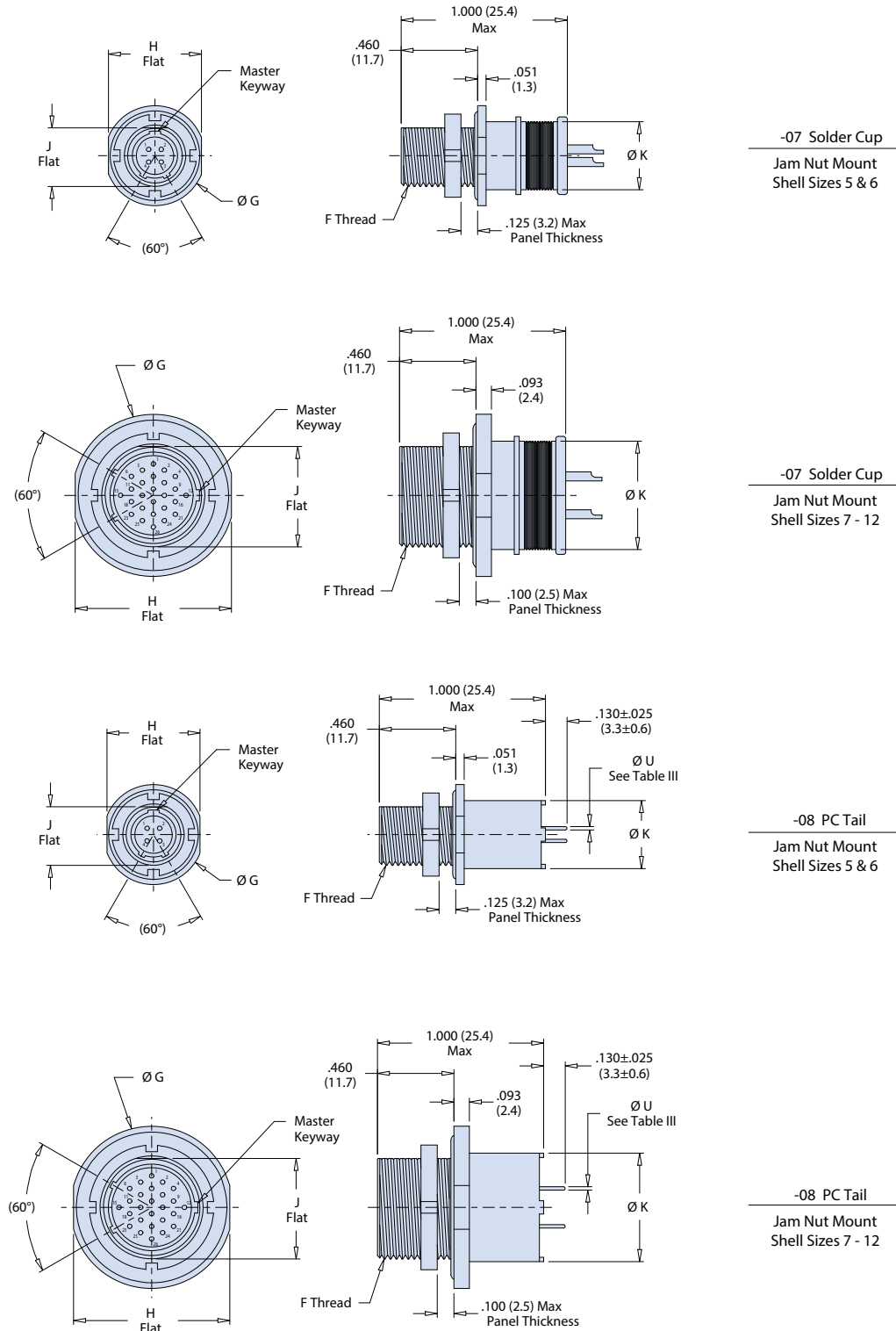
Dimensions in inches (millimeters) and are subject to change without notice.



Series 800 Mighty Mouse Filter Receptacle Connector

UN Mating Threads, Jam Nut

240-800 Dimensions



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

