



**TABLE IV:  
PC TAIL DIAMETER**

Contact Size	Ø U
22D	.018/.021 (0.5/0.5)
20	.029/.031 (0.7/0.8)
16	.038/.042 (1.0/1.1)

**240-383E**  
**MIL-DTL-38999 Series III Filter Connector**  
**Dual Flange Jam Nut Receptacle**



**TABLE I: CONNECTOR CLASS**

SYM	CLASS	MATERIAL	FINISH DESCRIPTION
M	Environmental	Aluminum	Electroless Nickel
MT	Environmental	Aluminum	Nickel Fluorocarbon Polymer (Ni-PTFE)
NF	Environmental	Aluminum	Cad. O.D. Over Electroless Nickel
P	Environmental	Stainless	Electro-Deposited Nickel
XM	Environmental	Composite	Electroless Nickel
XMT	Environmental	Composite	Nickel Fluorocarbon Polymer (Ni-PTFE)
XW	Environmental	Composite	Cad. O.D. Over Electroless Nickel
ZN	Environmental	Aluminum	Zinc-Nickel Over Electroless Nickel
H2*	Hermetic	Stainless	Electroless Nickel

\* Some dimensions do not apply, see sales drawing 240-383JH2

**MIL-DTL-38999 Series III  
Jam Nut Panel Cutout**

SHELL SIZE	Ø H	J
09	.710 (18.0)	.670 (17.0)
	.700 (17.8)	.660 (16.8)
11	.835 (21.2)	.771 (19.6)
	.825 (21.0)	.761 (19.3)
13	1.020 (25.9)	.955 (24.3)
	1.010 (25.7)	.945 (24.0)
15	1.145 (29.1)	1.085 (27.6)
	1.135 (28.8)	1.075 (27.3)
17	1.270 (32.3)	1.210 (30.7)
	1.260 (32.0)	1.200 (30.5)
19	1.395 (35.4)	1.335 (33.9)
	1.385 (35.2)	1.325 (33.7)
21	1.520 (38.6)	1.460 (37.1)
	1.510 (38.4)	1.450 (36.8)
23	1.645 (41.8)	1.585 (40.3)
	1.635 (41.5)	1.575 (40.0)
25	1.770 (45.0)	1.710 (43.4)
	1.760 (44.7)	1.700 (43.2)

**TABLE II: CAPACITOR ARRAY CODE  
CAPACITANCE RANGE**

CLASS	PI - CIRCUIT (pF)	C - CIRCUIT (pF)
X*	160,000 - 240,000	80,000 - 120,000
Y*	80,000 - 120,000	40,000 - 60,000
Z*	60,000 - 90,000	30,000 - 45,000
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

\* Reduced DWV – Please consult factory.

*Consult Factory for  
Additional Filter Types,  
TVS Diodes, and other  
Custom Configurations.*

**TABLE III: DIMENSIONS**

SHELL SIZE	B Thread (Plated)	D ± .005	Ø E ± .012	F ± .016	P ± .010 (0.25)	R Thread Metric (Plated)	J Dia ± .005 (0.13)	K Dia Basic	L Dia ± .005 (0.13)	H ± .020 (0.51)	N ± .020 (0.51)
9	.625- .1P- .3L-TS-2A	.651 (16.5)	1.250 (31.8)	1.063 (27.0)	.225 (5.7)	M17 x 1-6g-0.10R	1.016 (25.8)	.752 (19.1)	.532 (13.5)	.225 (5.7)	.275 (7.0)
11	.7500- .1P- .3L-TS-2A	.751 (19.1)	1.377 (35.0)	1.259 (32.0)	.250 (6.4)	M20 x 1-6g-0.10R	1.062 (27.0)	.850 (21.6)	.595 (15.1)	.250 (6.4)	.290 (7.4)
13	.8750- .1P- .3L-TS-2A	.937 (23.8)	1.500 (38.1)	1.374 (34.9)	.250 (6.4)	M25 x 1-6g-0.10R	1.250 (31.8)	.994 (25.2)	.720 (18.3)	.375 (9.5)	.370 (9.4)
15	1.0000- .1P- .3L-TS-2A	1.063 (27.0)	1.625 (41.3)	1.500 (38.1)	.325 (8.2)	M28 x 1-6g-0.10R	1.375 (34.9)	1.119 (28.4)	.843 (21.4)	.438 (11.1)	.440 (11.2)
17	1.8750- .1P- .3L-TS-2A	1.187 (30.2)	1.750 (44.5)	1.625 (41.3)	.375 (9.5)	M32 x 1-6g-0.10R	1.500 (38.1)	1.237 (31.4)	1.000 (25.4)	.562 (14.3)	.495 (12.6)
19	1.2500- .1P- .3L-TS-2A	1.311 (33.3)	1.937 (49.2)	1.822 (46.3)	.500 (12.7)	M35 x 1-6g-0.10R	1.625 (41.3)	1.379 (35.0)	1.125 (28.6)	.875 (22.2)	.540 (13.7)
21	1.3750- .1P- .3L-TS-2A	1.434 (36.4)	2.063 (52.4)	1.940 (49.3)	.562 (14.3)	M38 x 1-6g-0.10R	1.750 (44.5)	1.489 (37.8)	1.240 (31.5)	1.170 (29.7)	.625 (15.9)
23	1.5000- .1P- .3L-TS-2A	1.561 (39.7)	2.190 (55.6)	2.073 (52.7)	.688 (17.5)	M41 x 1-6g-0.10R	1.875 (47.6)	1.619 (41.1)	1.328 (33.7)	1.250 (31.8)	.660 (16.8)
25	1.6250- .1P- .3L-TS-2A	1.687 (42.9)	2.311 (58.7)	2.189 (55.6)	.750 (19.1)	M44 x 1-6g-0.10R	2.000 (50.8)	1.744 (44.3)	1.453 (36.9)	1.375 (34.9)	.740 (18.8)