

240-383D
MIL-DTL-38999 Series III Filter Connector
Dual Flange Wall Mount Receptacle with P.C.Tails

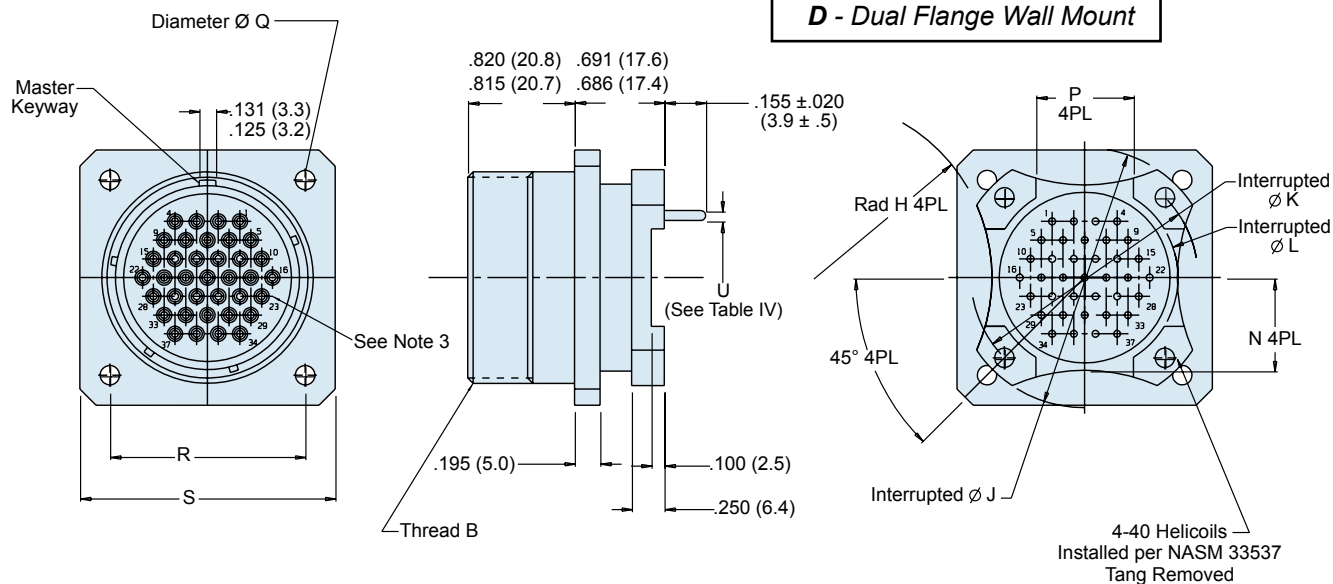
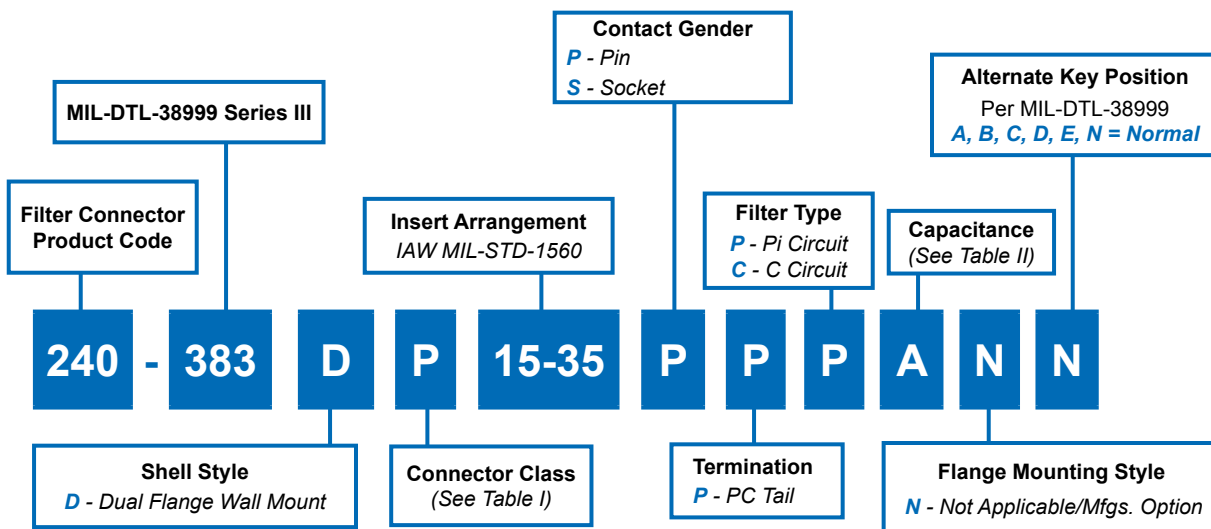
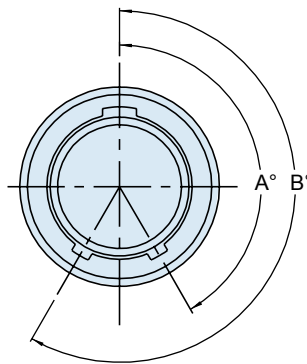


TABLE IV

ALTERNATE KEY AND KEYWAY POSITION		
Position	A°	B°
A	150°	210°
B	75°	210°
C	95°	230°
D	140°	275°



Normal and Alternate Position Key Rotation

TABLE V:
PC TAIL DIAMETER

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

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EMI/EMP
Filters

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

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

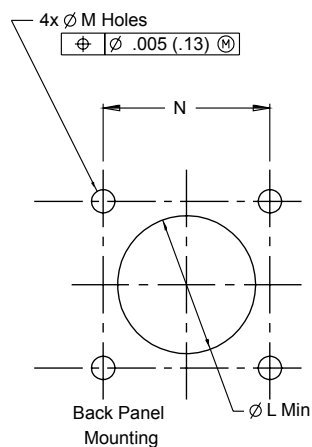
TABLE II: CAPACITOR ARRAY CODE CAPACITANCE RANGE

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.

TABLE III: DIMENSIONS

SHELL SIZE	B THREAD (PLATED)	P +/- .01 (.25)	R BSC	S +/- .012 (.3)	Ø J +/- .005 (.13)	Ø K BSC	Ø L +/- .005 (.13)	H +/- .020 (.51)	N +/- .020 (.51)	Ø Q ± .010
9	.625-.1P-.3L-TS-2A	.225 (5.7)	.719 (18.3)	.937 (23.8)	1.016 (25.8)	.752 (19.1)	.532 (13.5)	.225 (5.7)	.275 (7.0)	.128 (3.3)
11	.7500-.1P-.3L-TS-2A	.250 (6.4)	.812 (20.6)	1.181 (30.0)	1.062 (27.0)	.850 (21.6)	.595 (15.1)	.250 (6.4)	.290 (7.4)	
13	.8750-.1P-.3L-TS-2A	.250 (6.4)	.906 (23.0)	1.277 (32.4)	1.250 (31.8)	.994 (25.2)	.720 (18.3)	.375 (9.5)	.370 (9.4)	
15	1.000-.1P-.3L-TS-2A	.325 (8.2)	.969 (24.6)	1.371 (34.8)	1.375 (34.9)	1.119 (28.4)	.843 (21.4)	.438 (11.1)	.440 (11.2)	
17	1.1875-.1P-.3L-TS-2A	.375 (9.5)	1.062 (27.0)	1.462 (37.1)	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	.500 (12.7)	1.156 (29.4)	1.588 (40.3)	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	.562 (14.3)	1.250 (31.8)	1.714 (43.5)	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	.688 (17.5)	1.375 (34.9)	1.840 (46.7)	1.875 (47.6)	1.619 (41.1)	1.328 (33.7)	1.250 (31.8)	.660 (16.8)	.156 (4.0)
25	1.6250-.1P-.3L-TS-2A	.750 (19.1)	1.500 (38.1)	1.962 (49.8)	2.000 (50.8)	1.744 (44.3)	1.453 (36.9)	1.375 (34.9)	.740 (18.8)	



Panel Cutout Dimensions

Shell Size	Ø L Min	M Holes	N BSC
09	.516 (13.1)	.133 (3.4) .123 (3.1)	.719 (18.3)
11	.625 (15.9)	.133 (3.4) .123 (3.1)	.812 (20.6)
13	.750 (19.1)	.133 (3.4) .123 (3.1)	.906 (23.0)
15	.906 (23.0)	.133 (3.4) .123 (3.1)	.969 (24.6)
17	1.016 (25.8)	.133 (3.4) .123 (3.1)	1.062 (27.0)
19	1.141 (29.0)	.133 (3.4) .123 (3.1)	1.156 (29.4)
21	1.266 (32.2)	.133 (3.4) .123 (3.1)	1.250 (31.8)
23	1.375 (34.9)	.159 (4.0) .149 (3.8)	1.375 (34.9)
25	1.484 (37.7)	.155 (3.9) .145 (3.7)	1.500 (38.1)