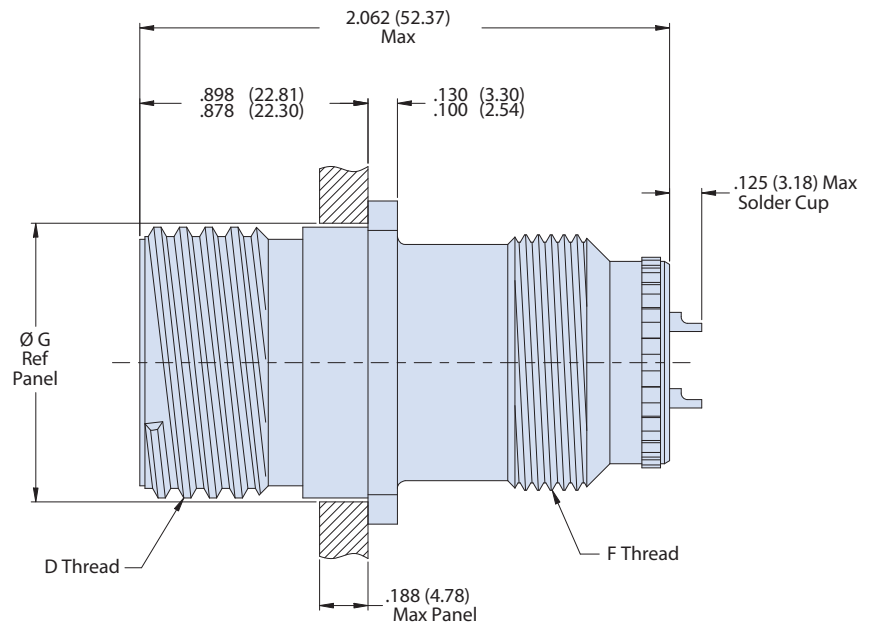
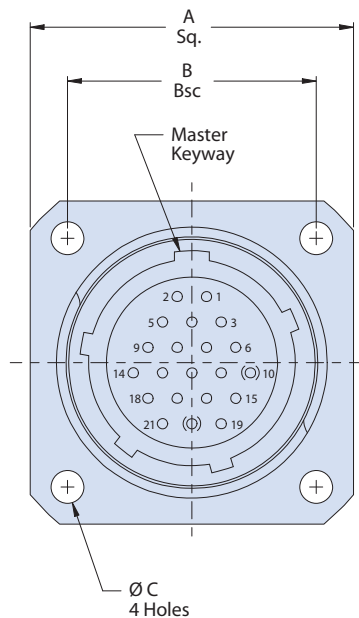


MIL-DTL-28840 TYPE WALL MOUNT RECEPTACLE

B

How To Order	
Sample Part Number	240-288 W ME 19-1 P P A H 1
Filter Connector	MIL-DTL-28840 Type
Shell Style	W = Wall Mount
Connector Class	See Table I
Insert Arrangement	IAW MIL-STD-1698. (See page B-107)
Contact Gender	P = Pin/22 GA Solder Cup F = Pin/20 GA Solder Cup D = Pin/28 GA Solder Cup S = Socket/22 GA Solder Cup G = Socket/20 GA Solder Cup E = Socket/28 GA Solder Cup
Filter Type	P = Pi Circuit C = C Circuit (See Note 1)
Capacitance	See Table II
Flange Mounting Style	H = Round Holes
Alternate Key Position	1, 2, 3, 4, 5, 6 (See page B-107)



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.

240-288W
MIL-DTL-28840 Type Filter Connector
Wall Mount Receptacle



MIL-DTL-28840
Type

B

Table I: Connector Class

Sym	Class	Material	Finish Description
ME	Environmental	Aluminum	Electroless Nickel
MT	Environmental	Aluminum	Ni-PTFE 1000 Hour Grey™ Nickel Fluorocarbon Polymer
NF	Environmental	Aluminum	Cadmium O.D. Over Electroless Nickel
ZL	Environmental	Stainless Steel	Electro-Deposited Nickel
ZN	Environmental	Aluminum	Zinc-Nickel, Olive Drab
ZR	Environmental	Aluminum	Zinc Nickel, Black - RoHS
H2*	Hermetic	Stainless Steel	Electro-Deposited Nickel

*Some dimensions do not apply. See drawing 240-288WH2

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
J	70-120	35-60

* Filter Classes X, Y and Z are 250 VDC.
 All others are 500 VDC

Table III: Dimensions

Shell Size	A Sq.	B Bsc	Ø C Holes	D Thread Class 2A	F Thread Class 2A	Ø G Ref
11	1.043 (26.49)	.750 (19.05)	.130 (3.30)	.750-.1P-.2L-DS	.7500-20 UNEF	.812 (20.62)
	1.003 (25.48)		.115 (2.92)			
13	1.158 (29.41)	.843 (21.41)	.130 (3.30)	.875-.1P-.2L-DS	.8750-20 UNEF	.937 (23.80)
	1.118 (28.40)		.115 (2.92)			
15	1.278 (32.46)	.968 (24.59)	.130 (3.30)	1.062-.1P-.2L-DS	1.0000-20 UNEF	1.124 (28.55)
	1.238 (31.45)		.115 (2.92)			
17	1.403 (35.64)	1.015 (25.78)	.130 (3.30)	1.125-.1P-.2L-DS	1.1250-18 UNEF	1.187 (30.15)
	1.363 (34.62)		.115 (2.92)			
19	1.528 (38.81)	1.140 (28.96)	.130 (3.30)	1.312-.1P-.2L-DS	1.2500-18 UNEF	1.374 (34.90)
	1.488 (37.80)		.115 (2.92)			
23	1.738 (44.15)	1.281 (32.54)	.130 (3.30)	1.500-.1P-.2L-DS	1.4375-18 UNEF	1.562 (39.67)
	1.698 (43.13)		.115 (2.92)			
25	1.838 (46.69)	1.392 (35.36)	.157 (3.99)	1.625-.1P-.2L-DS	1.5625-18 UNEF	1.687 (42.85)
	1.798 (45.67)		.142 (3.61)			
29	2.158 (54.81)	1.568 (39.83)	.157 (3.99)	1.812-.1P-.2L-DS	1.8750-16 UN	1.874 (47.60)
	2.118 (53.80)		.142 (3.61)			
33	2.348 (59.64)	1.734 (44.04)	.183 (4.65)	2.000-.1P-.2L-DS	2.0625-16 UNS	2.062 (52.37)
	2.308 (58.62)		.168 (4.27)			

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