



Sav-Con[®] connector savers

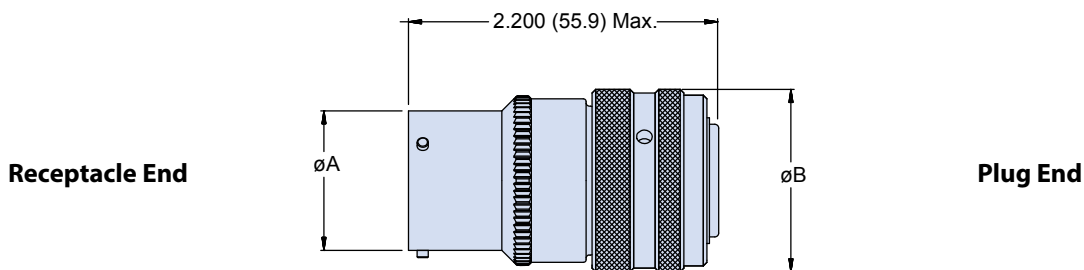
MIL-DTL-38999 Series I Type filter connector

240-381A Bayonet Coupling



240-381A FILTER CONNECTOR ADAPTER WITH BAYONET COUPLING

How To Order									
Sample Part Number	240-381	A	ME	15-35	PS	P	A	N	U
Filter Connector	240-381								
Shell Style	A = Connector Adapter								
Material and Finish	See Table I								
Shell Size - Insert Arrangement	See Table II								
Contact Gender	PS = Pins, Plug Side SP = Sockets, Plug Side (See Note 2)								
Filter Type	P = Pi Circuit C = C Circuit (See Note 1)								
Capacitance	See Capacitance Table								
Flange Mounting Style	N = Not Applicable								
Alternate Key Position	A, B, C, D, N = Normal, U = Universal (See page B-5) (See Note 3)								



* Please consult the factory for Pin/Pin and/or Socket/Socket contact arrangements.

NOTES

1. Other filter styles (C-L, L-C, Unbalanced Pi, Multi-Stage, Multi-Value) are available, please consult the factory.
2. Please consult the factory for Pin/Pin and/or Socket/Socket contact arrangements.
3. Do not mate Universal key position with another Universal.

Dimensions		
Shell Size	$\varnothing A$ Max	$\varnothing B$ Max
9	.573 (14.6)	.910 (23.1)
11	.701 (17.8)	1.035 (26.3)
13	.851 (21.6)	1.210 (30.7)
15	.976 (24.8)	1.330 (33.8)
17	1.101 (28.0)	1.455 (37.0)
19	1.208 (30.7)	1.570 (39.9)
21	1.333 (33.9)	1.695 (43.1)
23	1.458 (37.0)	1.800 (45.7)
25	1.583 (40.2)	1.925 (48.9)



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MIL-DTL-38999 Series I

Reference Information



Table I: Material and Finish

Plating Code	Material	Finish	
M	Aluminum	Electroless Nickel	
B		Cad Plate, Olive Drab	
NF		Cadmium Plate Olive Drab over Electroless Nickel	
NC		Zinc-Cobalt	
ZN		Olive Drab Zinc-Nickel	
MT		Ni-PTFE 1000 Hour Grey™ (Nickel Fluorocarbon Polymer)	
ZR		Zinc Nickel, Black	
ME		Electroless Nickel (RoHS)	
ZL		Stainless Steel	Electro-Deposited Nickel

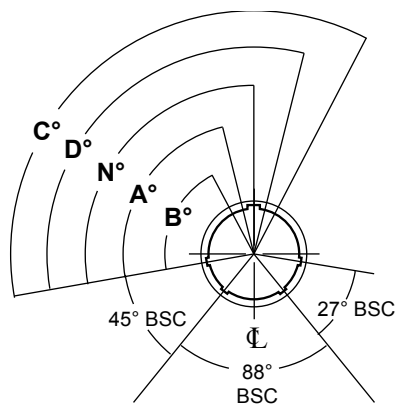
Table II: Insert Arrangement

Shell Size Desig.	Insert Arr. Dash No.	Contact Size and Qty			
		22	20	16	12
9	9-3		3		
	9-44	4			
	9-35	6			
	9-98		3		
11	11-2			2	
	11-4		4		
	11-5		5		
	11-6		6		
	11-35	13			
	11-98		6		
	11-99		7		
13	13-4			4	
	13-8		8		
	13-35	22			
	13-98		10		
15	15-5			5	
	15-15		14	1	
	15-18		18		
	15-19		19		
	15-35	37			
17	15-97		8	4	
	17-6				6
	17-8			8	
	17-26		26		
	17-35	55			
19	17-99		21	2	
	19-11			11	
	19-28		26	2	
	19-30		29	1	
	19-32		32		
	19-35	66			
	19-45	67			

Table II: Insert Arrangement

Shell Size Desig.	Insert Arr. Dash No.	Contact Size and Qty			
		22	20	16	12
21	21-35	79			
	21-11				11
	21-16			16	
	21-24		24		
	21-25		25		
	21-27		27		
	21-39		37	2	
23	21-41		41		
	23-35	100			
	23-2	85			
	23-21			21	
	23-32		32		
	23-34		34		
	23-36		36		
	23-53		53		
	23-55		55		
	23-97			16	
25	23-99			11	
	25-2	100			
	25-4		48	8	
	25-19				19
	25-24			12	12
	25-29			29	
	25-35	128			
	25-43		23	20	
25-61		61			

B



FACE VIEW RECEPTACLE

Table III: Main and Alternate Keyway Positions

Shell Size Desig.	N°	A°	B°	C°	D°
9	95	77	-	-	113
11	95	81	67	123	109
13	95	75	63	127	115
15	95	74	61	129	116
17	95	77	65	125	113
19	95	77	65	125	113
21	95	77	65	125	113
23	95	80	69	121	110
25	95	69	69	121	110

Table IV: Capacitor Array Code Capacitance Range for Filtered Connectors

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