

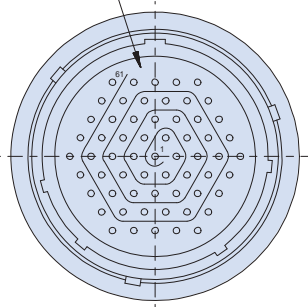


240-838A MIL-DTL-83723 Series III Type Conector Adapter, Bayonet Coupling

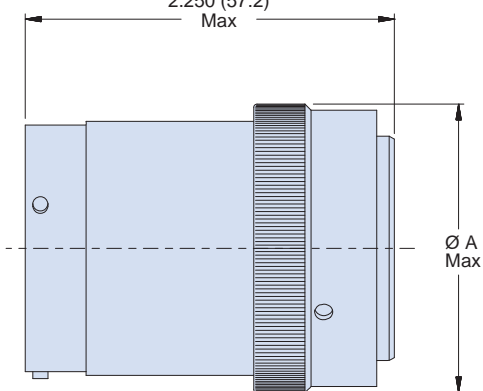
MIL-DTL-83723 SERIES III TYPE CONNECTOR ADAPTER, BAYONET COUPLING

How To Order									
Sample Part Number	240-838	A	ME	24-61	PS	P	A	N	N
Filter Connector	MIL-DTL-83723 Series III Type, Bayonet Coupling								
Shell Style	A = Bayonet Coupling								
Connector Class	See Table I								
Insert Arrangement	IAW MIL-STD-1554. (See pages B-72 – B-73)								
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 Table II								
Flange Mounting Style	N = Not Applicable								
Alternate Insert Position	IAW MIL-DTL-83723 and MIL-STD-1554 1, 2, 3, 4, 5, 6, 7, 8, 9, Y, N = Normal (See page B-73)								

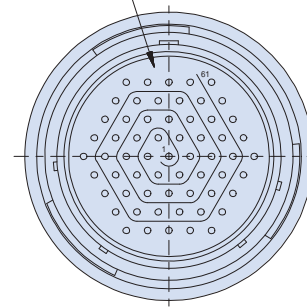
24-61 Pin Mating Face
Shown As Reference Only



2.250 (57.2)
Max



24-61 Socket Mating Face
Shown As Reference Only



Notes

- Other filter styles (C-L, L-C, Unbalanced Pi, Multi-Stage, Multi-Value) are available, please consult the factory.
- Please consult the factory for Pin/Pin and/or Socket/Socket contact arrangements.

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

240-838A
MIL-DTL-83723 Series III Type
Conector Adapter, Bayonet Coupling



MIL-DTL-83723
Type

B

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

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	Ø A Max
8	.776 (19.7)
10	.906 (23.0)
12	1.708 (43.4)
14	1.141 (29.0)
16	1.266 (32.2)
18	1.375 (34.9)
20	1.510 (38.4)
22	1.625 (41.3)
24	1.760 (44.7)

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