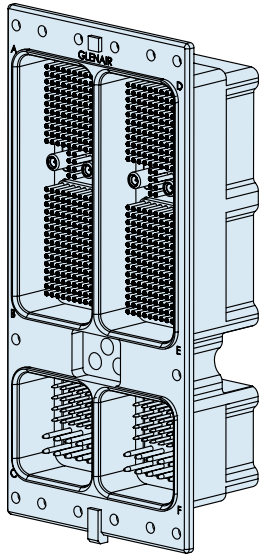
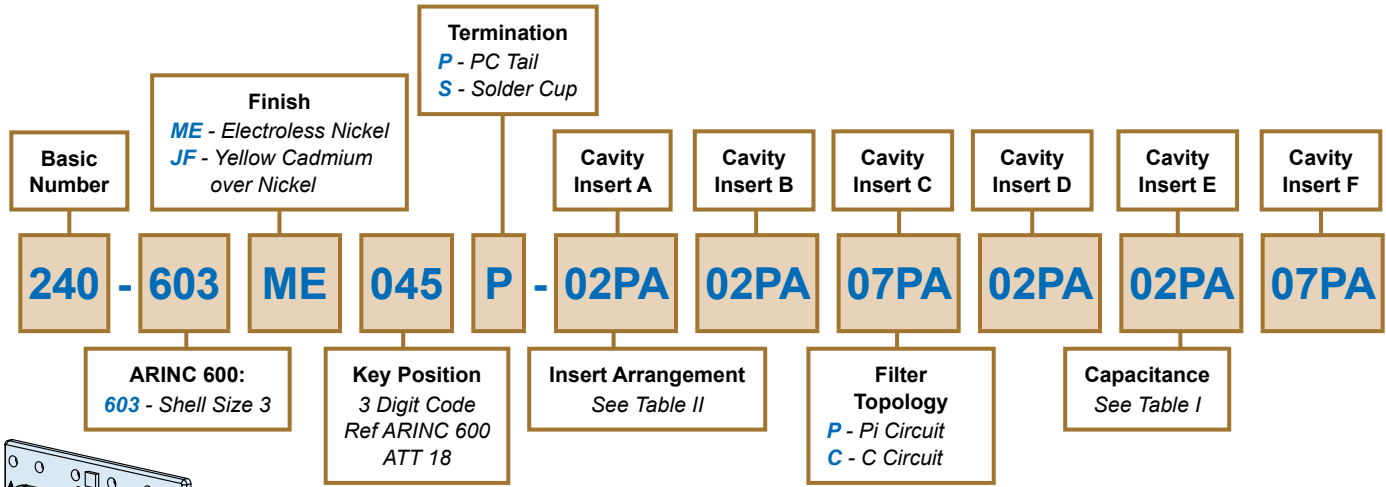
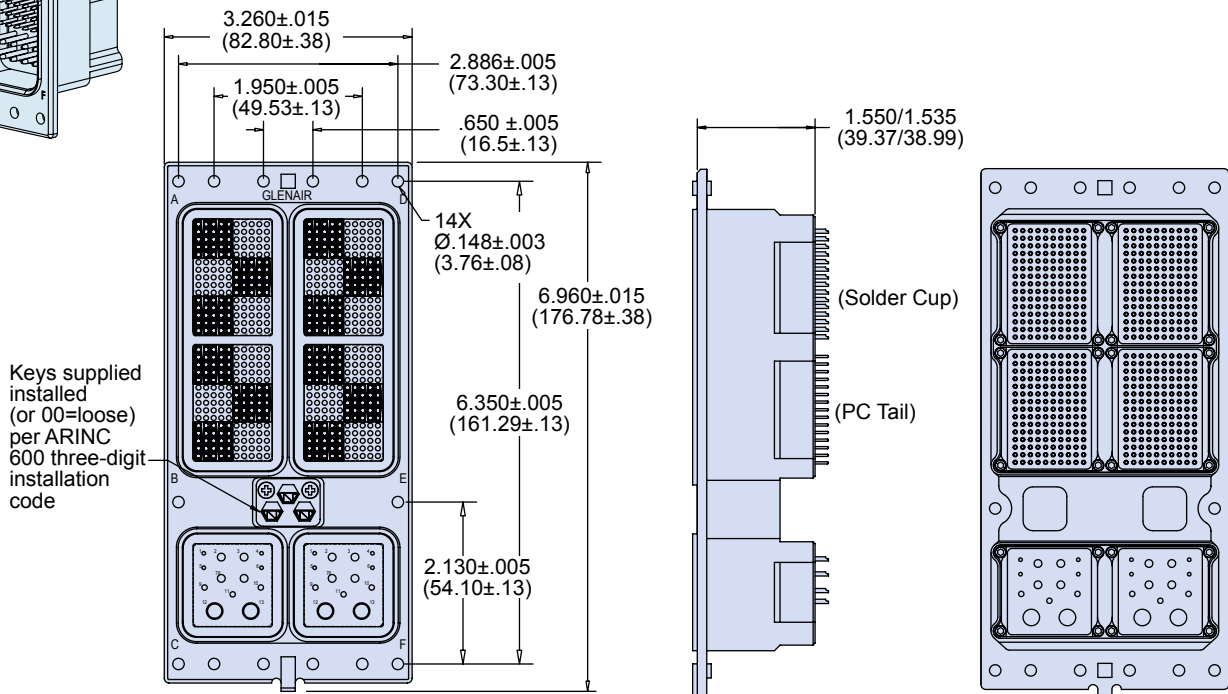


240-603
ARINC 600 Size 3
Environmentally Compatible Filter Receptacle



H



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

240-603
ARINC 600 Size 3
Environmentally Compatible Filter Receptacle



Table II: Insert Arrangements

Insert 07 100 #22	Insert 24 20 #20 4 #8 Twinax	Insert 16 24 #20 10 #16	Insert 13 6 #8 Twinax (Grounded)	Insert blank (for cavity C)	Insert 22 50 #16 4 #12	Insert 04 2 #5 4 #12 3 #16 4 #20	
Insert 02 150 #22	Insert 15 110 #22 6 #20 5 #12 (Twinax)	Insert 05 70 #22 1 #5 (Coax)	Insert 08 70 #22 1 #5 (Coax)	Insert blank (for cavity A, B)	Insert 17 60 #20	Insert 12 10 #8 Twinax (grounded)	Insert 14 118 #22 2 #8 (Twinax)

Table I: 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

Notes

- Glenair ARINC 600 receptacle is designed to mate with COTS ARINC 600 plug IAW ARINC 600 specification with the same insert configuration and opposite gender
- Material/Finish:
Shell: Aircraft Grade Aluminum
Insulators: High Grade Rigid Dielectric
PC Tail and Solder Cup Contacts: Copper Alloy/Gold over Nickel
- Assembly to be permanently identified with (space permitting) Glenair, part number, cavity and contact location, and date code.
- Insert arrangement in accordance with ARINC 600
- EMI filter receptacle connector designed to meet or exceed requirements of MIL-STD-2120 and ARINC 600.
- Electrical Parameters:
Working Voltage - 200 VDC, 115 VAC 400Hz
Dielectric Withstanding Voltage (DWV) - 500 VDC
Insulation Resistance (IR) - 5000 Megohms min at 200 VDC
- Custom filter types available (consult factory).
- Additional mounting features available (consult factory).
- Environmental compatibility features:
Single piece shell to limit any contaminants or moisture ingress due to post-processing such as solder wash.
Termination area sealed via o-rings around each module.
Termination may utilize sealing compound to further aid in environmental compatibility.

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

