240-602
ARINC 600 Size 2
Environmentally Compatible Filter Receptacle

Basic Number		Finish	Key Position	Termination		Cavity Insert A	Cavity Insert B	Cavity Insert C
240	- 602	ME	045	P	- 02PA		02PA	16PA

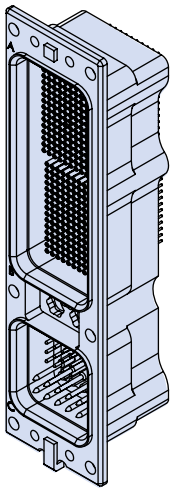
ARINC 600:
602 - Shell Size 2

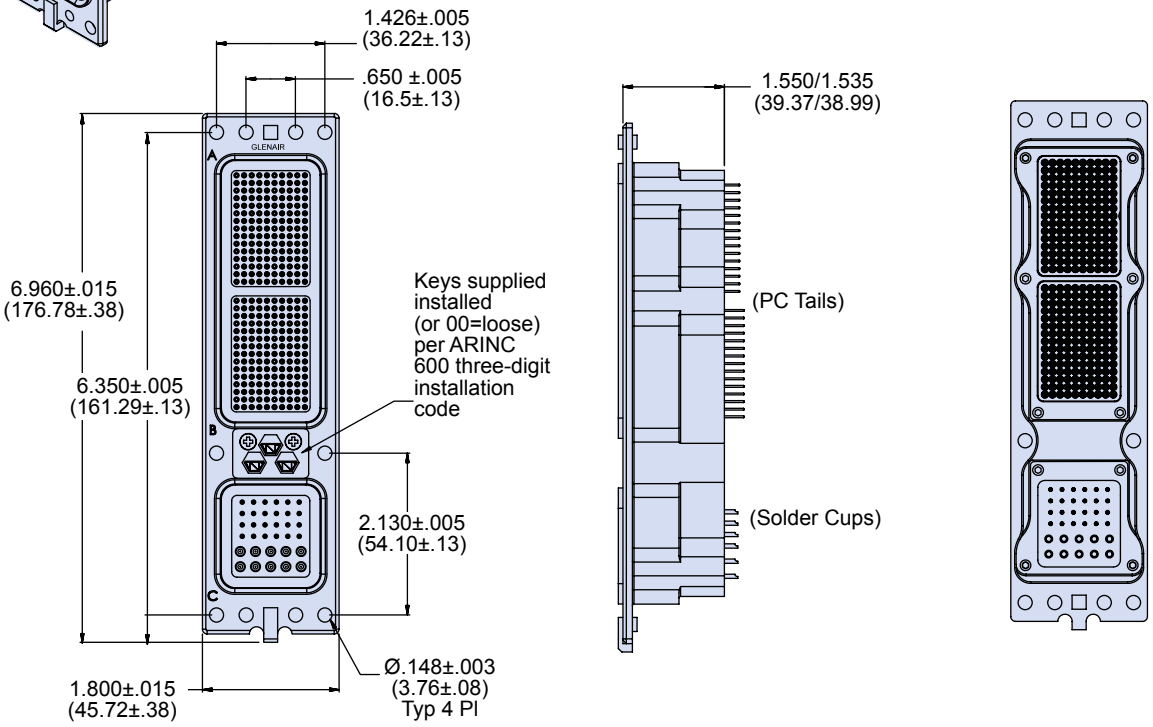
Key Position
3 Digit Code
Ref ARINC 600
ATT 18

Insert Arrangement
See Table II

Filter Topology
P - Pi Circuit
C - C Circuit

Capacitance
See Table I





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

U.S. CAGE Code 06324
Printed in U.S.A.

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ARINC 600 Size 2
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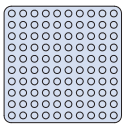
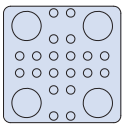
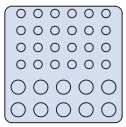
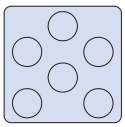
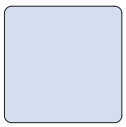
Table II: Insert Arrangements

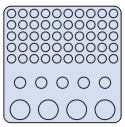

Insert 07
100 #22

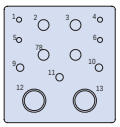

Insert 24
20 #20
4 #8 Twinax

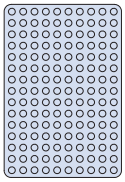

Insert 16
24 #20
10 #16

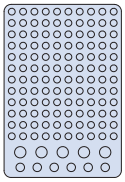

Insert 13
6 #8 Twinax
(Grounded)

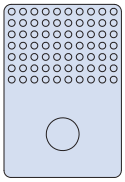

Insert blank
(for cavity C)

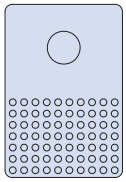

Insert 22
50 #16
4 #12

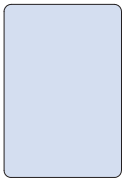

Insert 04
2 #5
4 #12
3 #16
4 #20

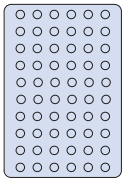

Insert 02
150 #22

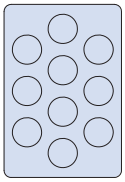

Insert 15
110 #22
6 #20
5 #12 (Twinax)


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)

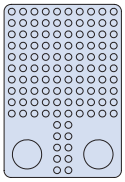

Insert 14
118 #22
2 #8 (Twinax)

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

1. Glenair ARINC 600 receptacle is designed to mate with COTS ARINC 600 plug IAW ARINC 600 specification with the same insert configuration
2. Material/Finish:
   Shell: Aircraft Grade Aluminum
   Insulators: High Grade Rigid Dielectric
   PC Tail and Solder Cup Contacts: Copper Alloy/Gold over Nickel
3. Assembly to be permanently identified with (space permitting) Glenair, part number, cavity and contact location, and date code.
4. Insert arrangement in accordance with ARINC 600
5. EMI filter receptacle connector designed to meet or exceed requirements of MIL-STD-2120 and ARINC 600.
6. Electrical Parameters:
   Working Voltage - 200 VDC, 115 VAC 400Hz
   Dielectric Withstanding Voltage (DWV) - 500 VDC
   Insulation Resistance (IR) - 5000 Megohms min at 200 VDC
7. Custom filter types available (consult factory).
8. Additional mounting features available (consult factory).
9. 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 compatiblilty

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

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