240-050
ARINC 600 Class A Size 3 Filter Receptacle

Filter Connector Product Code	Basic Number	Shell Size	Key Position	Contacts	Filter Class	Insert Arrangement					
240	050	3	P	01	A	02	02	07	02	02	07

Basic Number

Filter Connector Product Code

Shell Size

Key Position
Per ARINC 600 Attachment (18 Key Clocking Shown for Reference)

Insert Arrangement
Per ARINC 600 (Positions A through F) Specify Grounded/Non-Grounded for Cavities with Size 8 Contacts

Contacts
P - PC Tail
S - Solder Cup

Filter Class
(See Table I)

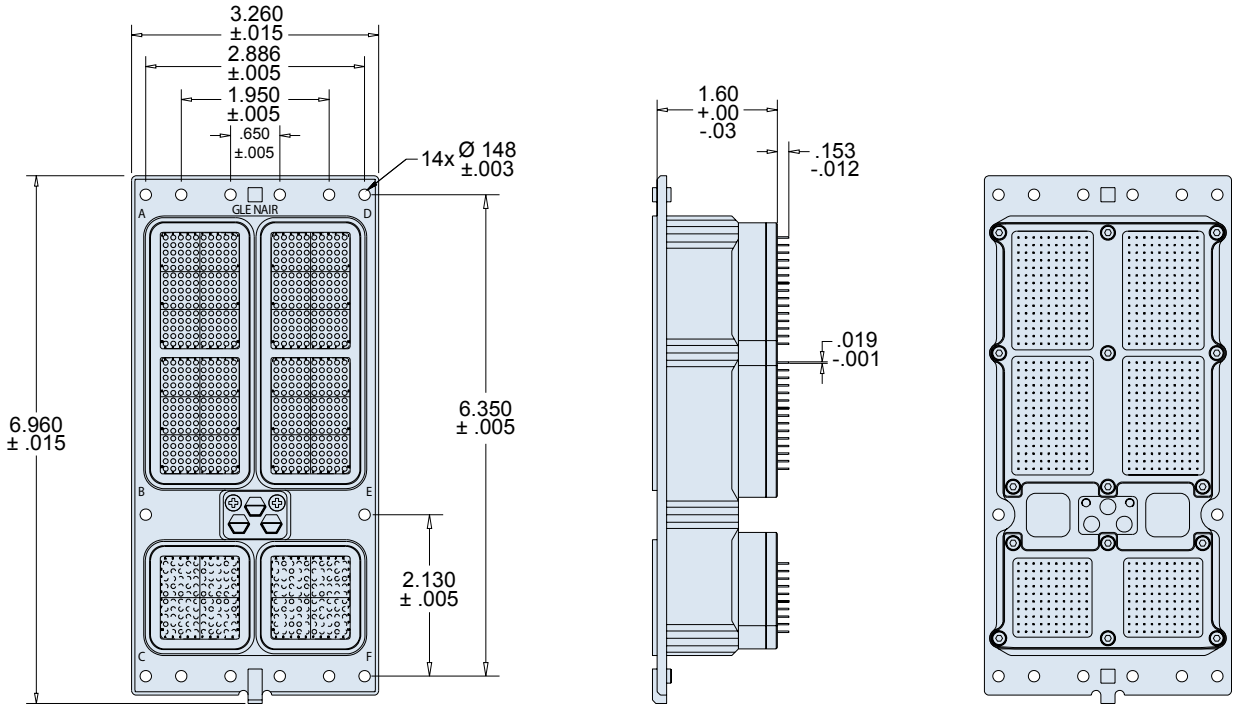

TABLE I: CAPACITANCE CODE

CODE	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 - 91,000	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

APPLICATION NOTES

1. Material/Finish:
   Shell: Aluminum/Cadmium Chromate per SAE-AMS-QQ-P-416, .000450 minimum thickness, type II
   Color: yellow to gold over electroless nickel plating per SAE-AMS-C-26074, .000100 - .000450 thickness over Copper flash deposition per SAE-AMS-2418
   Insulators: high grade rigid dielectric
   PC tail and solder cup contacts: Copper alloy/50µ" Gold over 50µ" Nickel
2. Assembly to be permanently identified with (space permitting) Glenair, part number, cavity and contact location, and date code.
3. Insert arrangement in accordance with ARINC 600 (arrangement shown for reference only
4. EMI filter receptacle connector designed to meet requirements of MIL-STD-2120 and Arinc 600.
5. Electrical Parameters:
   Working voltage - 200 VDC, 115 VAC 400Hz
   Dielectric withstanding voltage (DWV) - 500 VDC min
   Insulation resistance (IR) - 5000 Megohms min at 200 VDC
6. Other filter styles (unbalanced or Pi) are available. Please consult factory with your specific requirements.
7. Additional features may be added (e.g. clinch nuts). Please consult factory with your specific requirements.