



**240-050**  
**ARINC 600 Class A Size 3 Filter Receptacle**



**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**

- 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
- 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 (arrangement shown for reference only)
- EMI filter receptacle connector designed to meet requirements of MIL-STD-2120 and Arinc 600.
- 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
- Other filter styles (unbalanced or Pi) are available. Please consult factory with your specific requirements.
- Additional features may be added (e.g. clinch nuts). Please consult factory with your specific requirements.

