F5900 RFI Filters

Features:
- High Performance Filter Designed for Switching Power Supply Emissions
- >70dB Insertion Loss from 200KHz to 1GHz
- Integral Power Switch and 5 x 20mm Fuse Holder
- Available in 3 and 6Amp Versions with Optional Mounting Faceplates

Specifications:
- Rated Voltage: 250VAC Maximum - 50/60 Hz
- Rated Current: 115VAC 250VAC
  3A 1.5A
  6A 4A
- Current Overload: 6X for 8 seconds
- Hi-Pot Test (1 min):
  Line to Ground 1500VDC
  Line to Line 1450VDC
- Insulation Resistance: 9 x 10^9 Ω at 100VDC
- Ambient Temperature: 40°C Max. at rated current
- Humidity Range: 0% to 95% R.H.
- Termination:
  C: IEC Receptacle
  F: Fused IEC
  G: Wire Wrap/Solder
  J: Switched IEC
- Maximum Leakage Current:
  Each Line to Ground F5900
  115VAC, 60Hz: 0.50mA
  250VAC, 60Hz: 1.20mA

Agency Approvals:
- UL

F5900 SERIES
TYPICAL COMMON MODE INSERTION LOSS — dB
(50 OHM CIRCUIT)
### F5900CG (3 and 6Amp) Dimensions

*Refer to Page 42 for Standard Mounting Cutouts*

### F5900FG (3 and 6Amp) Dimensions

*Refer to Page 42 for Standard Mounting Cutouts*

### F5900JG (3 and 6Amp) Dimensions

*Refer to Page 42 for Standard Mounting Cutouts*

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**Nominal Current Rating** | **Part Number** | **Termination Line/Load**
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3A | F5900CG03 | IEC/Solder Tab
 | F5900FG03 | Fused IEC/Solder Tab
 | F5900JG03 | Switched IEC/Solder Tab
6A | F5900CG06 | IEC/Solder Tab
 | F5900FG06 | Fused IEC/Solder Tab
 | F5900JG06 | Switched IEC/Solder Tab

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Dimensions are in inches and millimeters unless otherwise specified. Values in parentheses are metric equivalents.
NOTE: Tolerance for all dimensions unless otherwise specified: .XXX three place ± 0.004, .XX two place ± 0.10