Ideal for Linear Power Supplies in Digital Equipment

Features:
- General Purpose Filter with Extended High-Frequency Insertion Loss Characteristics
- Effective Suppression of Incoming Common Mode and Differential Mode Noise
- Low-Profile Package with Integral IEC Connector
- Available in 3, 6 and 10Amp Ratings

Specifications:
- Rated Voltage: 250VAC Maximum - 50/60 Hz
- Rated Current: 250VAC
  - 3A: 1.5A
  - 6A: 4A
  - 10A: 6A
- Current Overload: 6X for 8 seconds
- Hi-Pot Test (1 min):
  - Line to Ground: 1400VDC
  - 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
  - G: Wire Wrap/Solder
- Maximum Leakage Current:
  - Each Line to Ground:
    - F5100
      - 115VAC, 60Hz: 0.25mA
      - 250VAC, 60Hz: 0.50mA

Agency Approvals:

F5100 Simplified Schematic

Nominal Current Rating | Part Number | Termination Line/Load
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3A | F5100CG03 | IEC/ Solder Tab
6A | F5100CG06 | IEC/ Solder Tab
10A | F5100CG10 | IEC/ Solder Tab

F5100 SERIES
TYPICAL COMMON MODE
INSERTION LOSS — dB
(50 OHM CIRCUIT)
F5100CG (3, 6 and 10Amp) Dimensions

Refer to Page 41 for Standard Mounting Cutouts

F5101CG (3, 6 and 10Amp) Dimensions with attached mounting plate

Refer to Page 41 for Standard Mounting Cutouts

Dimensions are in inches and millimeters unless otherwise specified. Values in parentheses are metric equivalents.
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NOTE: Tolerance for all dimensions unless otherwise specified: .XXX three place ± .004, .XX two place ± 0.10