

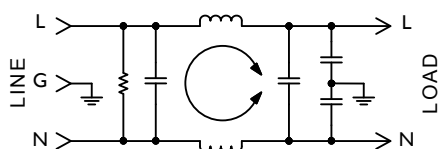
F2300 RFI Filters



Features:

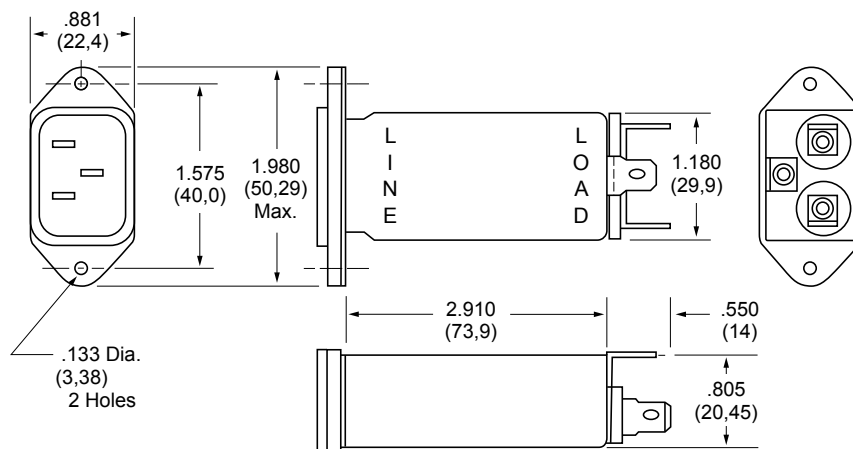
- Effective Protection from Pulsed, Intermittent or Continuous RFI for FCC "A" Applications
- High-Performance Low-Leakage Filter in Low Profile Package with Integral IEC Connector
- Increased Inductance and Line-to-Line Capacitance Provide Enhanced Common Mode and Differential Mode Attenuation

F2300CA Simplified Schematic



F2300CA (6Amp) Dimensions

Refer to Page 58
for Standard
Mounting Cutouts



Specifications:

Rated Voltage: 250VAC Maximum - 50/60 Hz

Rated Current: 115VAC 250VAC
6A 6A

Current Overload: 6X for 8 seconds

Hi-Pot Test (1 min):

Line to Ground 1500VAC
Line to Line 1768VDC

Insulation Resistance: $9 \times 10^9 \Omega$ at 100VDC

Ambient Temperature: 40°C Max at rated current

Humidity Range: 0% to 95% R.H.

Termination:

A: QC – Quick Connect
C: IEC Receptacle

Maximum Leakage Current:

Each Line to Ground **F2300**
115VAC, 60Hz: 0.25mA
250VAC, 50Hz: 0.40mA

Agency Approvals:



Nominal Current Rating	Part Number	Termination Line/Load	MINIMUM INSERTION LOSS - dB (50 ohm Circuit)						
			MODE	Frequency - MHz					
				.15	.50	1.0	5.0	10	30
6A	F2300CA06	IEC/QC	Common	25	37	45	45	45	45
			Differential	12	30	50	65	65	60

NOTE: Other combinations of terminals may be specified on special order.

Dimensions are in inches and millimeters
unless otherwise specified.
Values in parentheses are metric equivalents.



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45

