

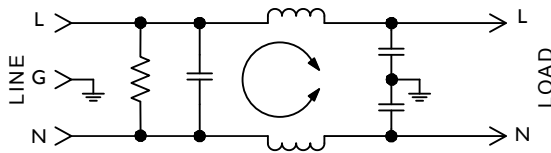
F2400/2500 RFI Filters



Features:

- Higher Performance Filters Designed for Common Mode and Differential Mode Applications
- 4X Greater Differential Mode Insertion Loss at 1 MHz than F2100/F2200 Series with No Increase in Physical Size
- Especially Suited for Use with Linear Power Supplies and FCC "A" Applications

F2400/2500 Simplified Schematic



Specifications:

Rated Voltage: 250VAC Maximum - 50/60 Hz

Rated Current:	115VAC	250VAC
	3A	1.5A
	6A	3A
	10A	10A
	15A	10A

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	F2400/F2500
115VAC, 60Hz:	0.25mA
250VAC, 50Hz:	0.40mA

Agency Approvals:



(F2400 Only)

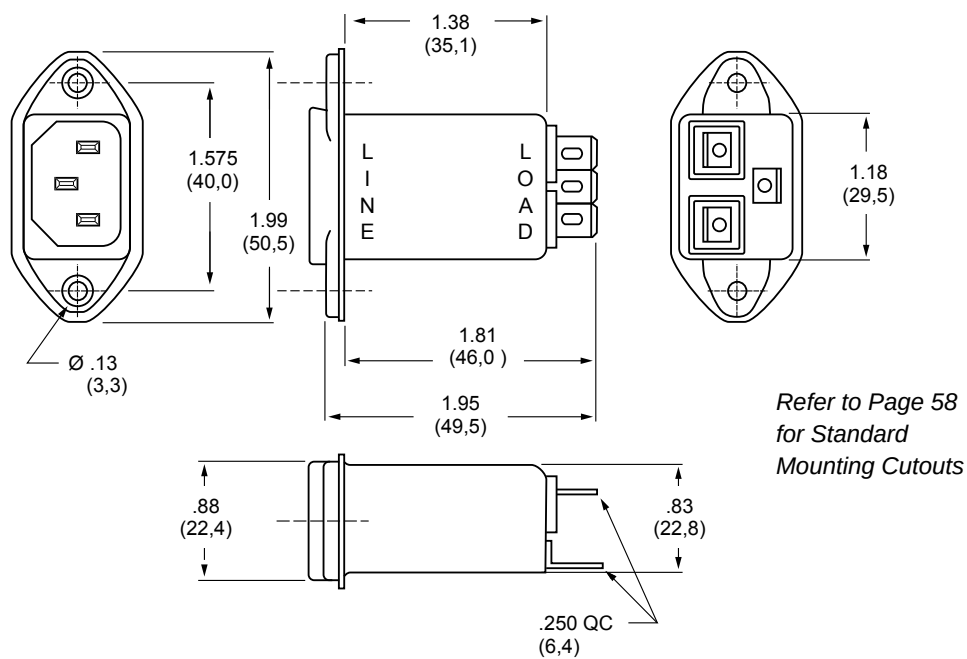
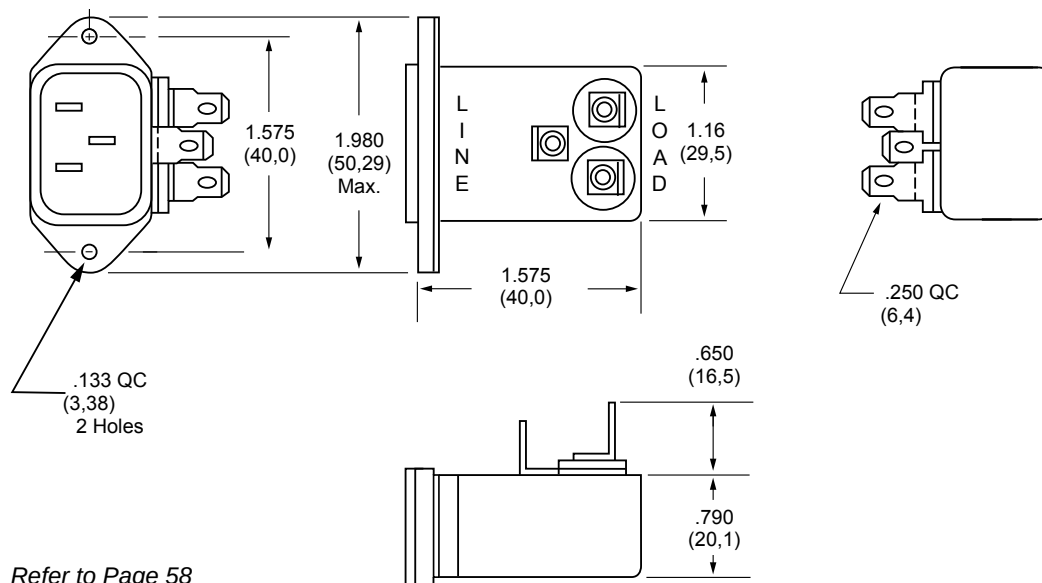


(F2500 Only)

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
3A	F2400CA03 F2500CA03	IEC/QC IEC/QC	Common	22	35	40	46	50	50
			Differential	8	18	24	40	50	40
6A	F2400CA06 F2500CA06	IEC/QC IEC/QC	Common	15	24	31	42	45	50
			Differential	8	18	24	40	50	40
10/15A	F2400CA10 F2400CA15	IEC/QC IEC/QC	Common	4	10	13	28	35	40
			Differential	2	8	15	30	35	35

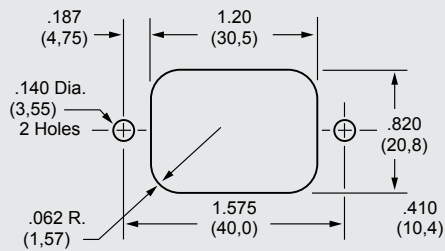
NOTE: Other combinations of terminals may be specified on special order.



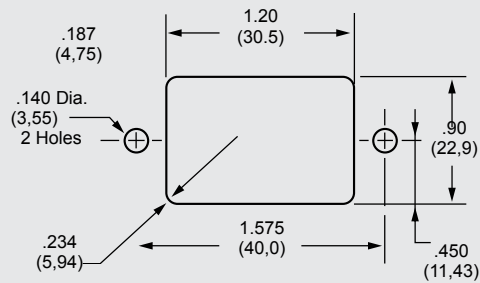
F2400CA (3, 6, 10 and 15Amp) Dimensions**F2500CA (3 and 6Amp) Dimensions**

Standard Mounting Cutouts

F2199CA, F2200CA, F2300CA, F2400CA, F2500CA, F2700CA, F3100CA, F3200CA, F3400CA, F3500CA

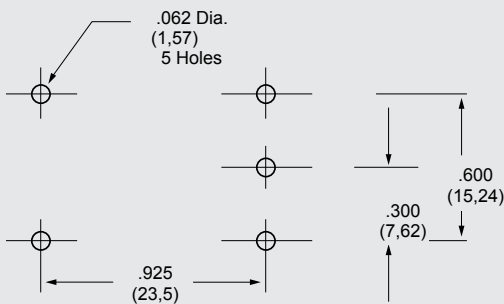


Back Mounting

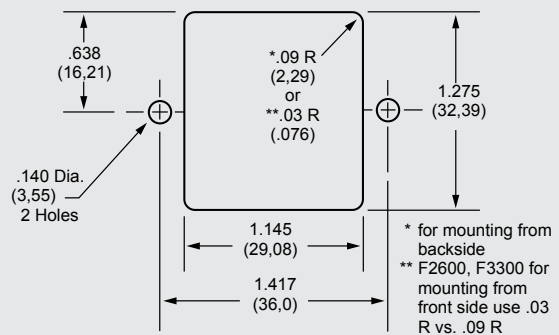


Front Mounting

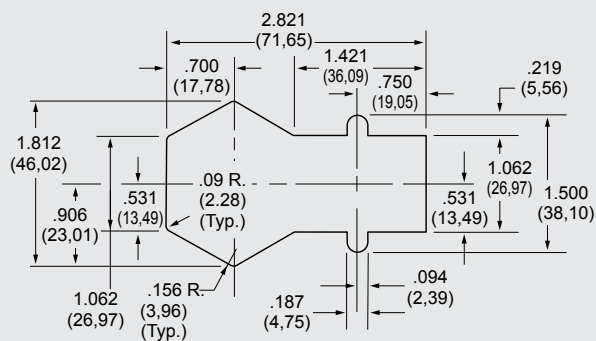
F2600FP, F3300FP



F2600, F3300



F2700FB



PE1 Screw Mount Series

