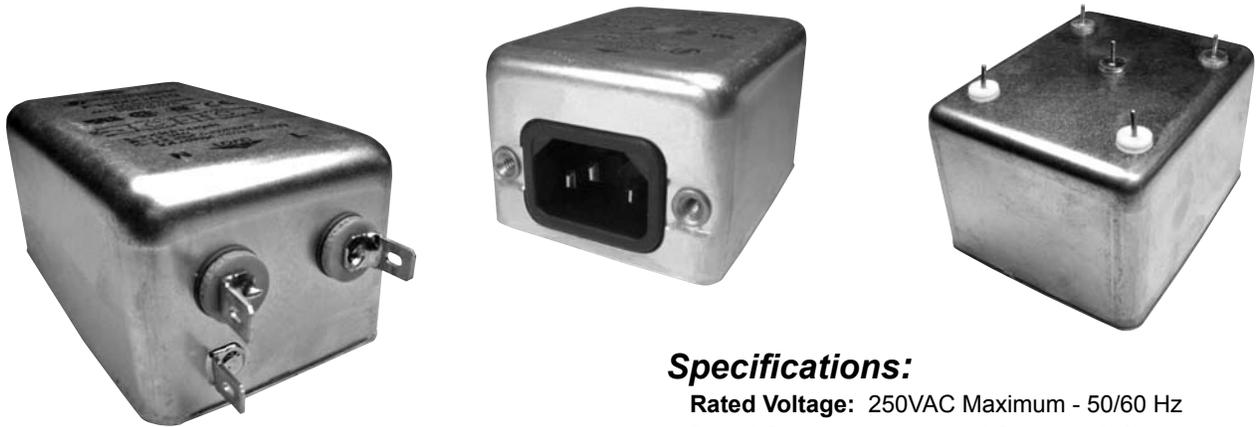


F1600 RFI Filters

High Performance

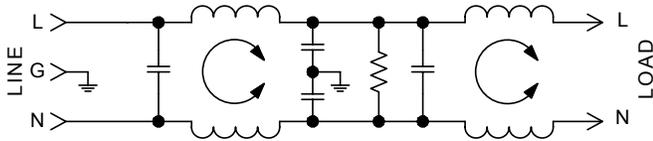
SINGLE PHASE FILTERS



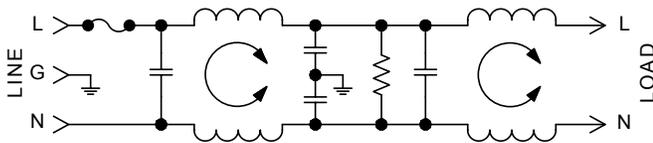
Features:

- T Section, Dual Coil Design – High Insertion Loss for Switching Power Supply Emissions
- Low-Leakage Current Design
- Space-Efficient with Integral IEC Connector and Compact Case in Current Ratings up to 10Amps
- Available in Fused IEC Connector and PC Mounted Versions

F1600CX Simplified Schematic



F1600FA Simplified Schematic



Specifications:

Rated Voltage: 250VAC Maximum - 50/60 Hz

Rated Current:

115VAC	250VAC
3A	1.5A
6A	3A
10A	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
- B: Wire
- C: IEC Receptacle
- P: PC – P.C. Board

Maximum Leakage Current:

Each Line to Ground	F1600
115VAC, 60Hz:	0.25mA
250VAC, 50Hz:	0.40mA

Agency Approvals:

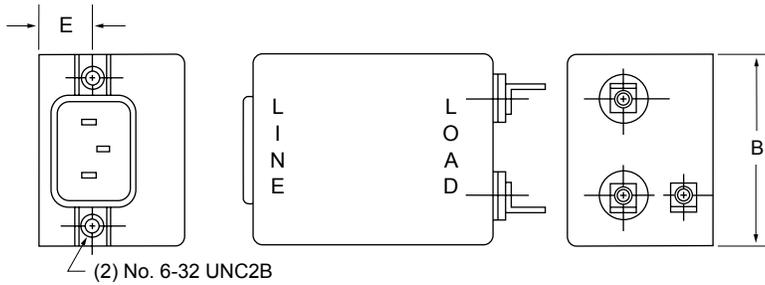


Nominal Current Rating	Part Number	Termination Line/Load	MINIMUM INSERTION LOSS - dB (50 ohm Circuit)						
			MODE	Frequency - MHz					
				.15	.50	1.0	5.0	10	30
3A	F1600CA03 F1600CP03 F1600FA03 F1600CB03	IEC/QC IEC/PC Fused IEC/QC IEC/Wire	Common	52	65	65	65	65	65
			Differential	40	50	60	65	65	50
6A	F1600CA06 F1600CP06 F1600FA06 F1600CB06	IEC/QC IEC/PC Fused IEC/QC IEC/Wire	Common	45	65	65	65	65	59
			Differential	30	45	55	50	50	50
10A	F1600CA10 F1600CB10	IEC/QC IEC/Wire	Common	50	65	65	65	65	54
			Differential	23	45	55	50	50	50

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

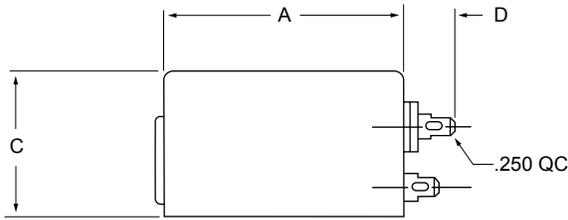


F1600CA (3, 6 and 10Amp) Dimensions **F1600CB** (3, 6 and 10Amp) Dimensions



Refer to Page 36
for Standard
Mounting Cutouts

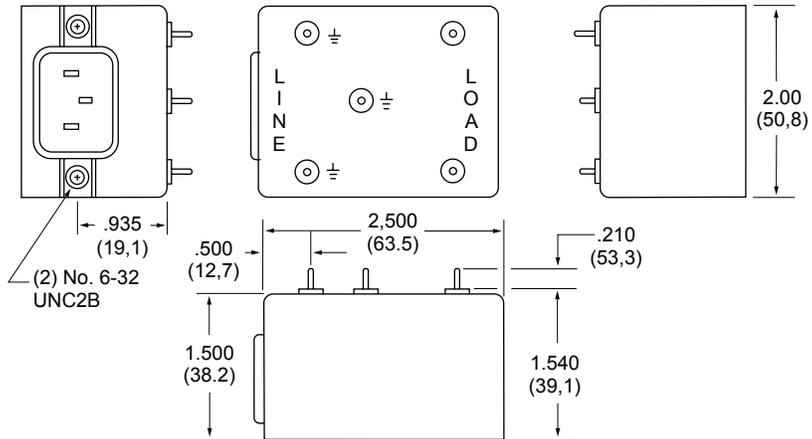
(2) No. 6-32 UNC2B



Amps	A	B	C	D	E
3A	2.500 (63,5)	2.000 (50,8)	1.500 (38,2)	.550 (14,0)	.565 (14,3)
6A	2.500 (63,5)	2.000 (50,8)	1.500 (38,2)	.550 (14,0)	.565 (14,3)
10A	3.750 (95,2)	2.250 (57,2)	1.750 (44,5)	.550 (14,0)	.640 (16,3)

F1600CP
(3 and 6Amp)
Dimensions

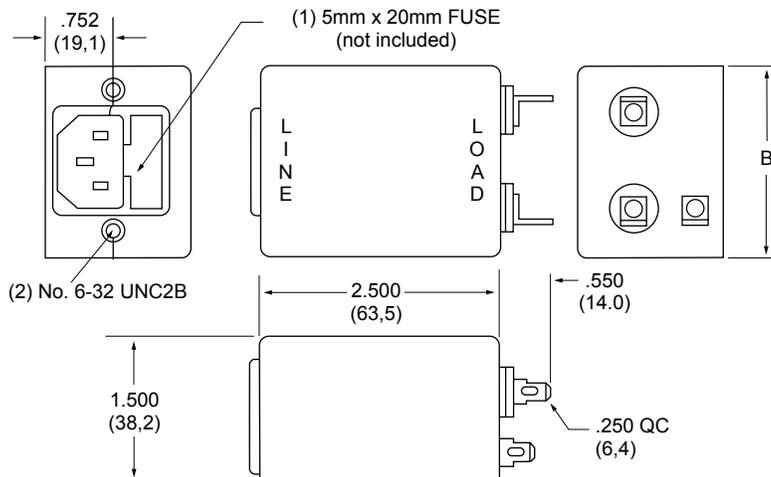
Refer to Page 36
for Standard
Mounting Cutouts



(2) No. 6-32
UNC2B

F1600FA
(3 and 6Amp)
Dimensions

Refer to Page 36
for Standard
Mounting Cutouts



(2) No. 6-32 UNC2B

