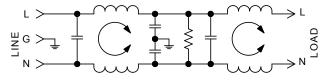
F1400 RFI Filters



Features:

- High Peak Current Design High Insertion Loss for Switching Power Supply Emissions
- Low-Leakage Current
- Compact Case Sizes in 6 and 10Amp Models
- · Available with Integral IEC Connector in 3 and 6Amp Models

F1400 Simplified Schematic





Specifications:

Rated Voltage: 250VAC Maximum - 50/60 Hz

Rated Current: 115VAC 250VAC

3A 1.5A 6A 4A 10A 6A

Current Overload: 6X for 8 seconds

Hi-Pot Test (1 min):

Line to Ground 1500VAC Line to Line 1768VDC

Insulation Resistance: 9 x 109 Ω 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

Maximum Leakage Current:

Each Line to Ground F1400 115VAC, 60Hz: 0.25mA 250VAC, 50Hz: 0.40mA

Agency Approvals:









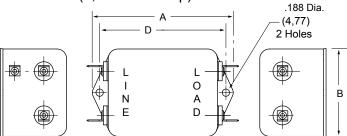
Nominal Current Rating	Part Number	Termination Line/Load	MINIMUM INSERTION LOSS - dB (50 ohm Circuit)						
			MODE	Frequency - MHz					
				.15	.50	1.0	5.0	10	30
3A	F1400AA03 F1400BB03 F1400CA03	QC/QC Wire/Wire IEC/QC	Common Differential	58 40	65 60	65 65	65 65	60 65	44 60
6A	F1400AA06 F1400BB06 F1400CA06	QC/QC Wire/Wire IEC/QC	Common Differential	58 36	65 55	65 60	65 60	60 55	54 50
10A	F1400AA10 F1400BB10	QC/QC Wire/Wire	Common Differential	56 40	65 50	65 60	65 65	60 65	54 60

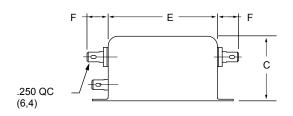
NOTE: Other combinations of terminals may be specified on special order.





F1400AA (3, 6 and 10Amp) Dimensions

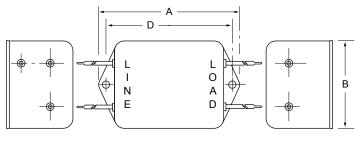


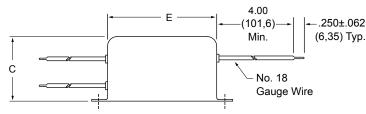


Amps	Α	В	С	D	E	F
3A	3.310	2.000	1.500	2.940	2.500	.550
	(84,1)	(50,8)	(38,2)	(74,7)	(63,5)	(14,0)
6A	3.310	2.000	1.500	2.940	2.500	.550
	(84,1)	(50,8)	(38,2)	(74,7)	(63,5)	(14,0)
10A	4.70	2.250	1.750	4.250	3.750	.550
	(119,4)	(57,1)	(44,4)	(107,9)	(95,3)	(14,0)

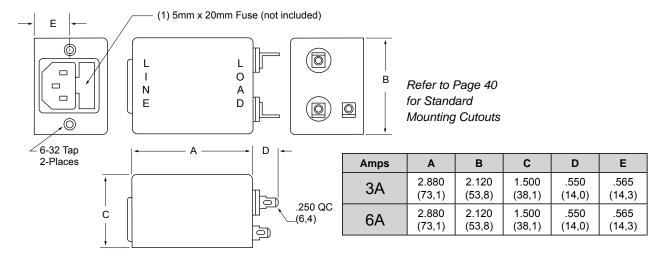
F1400BB (3, 6 and 10Amp) Dimensions

Amps	Α	В	С	D	Е
3A	3.310	2.000	1.500	2.940	2.500
	(84,1)	(50,8)	(38,1)	(74,7)	(63,5)
6A	3.310	2.000	1.500	2.940	2.500
	(84,1)	(50,8)	(38,1)	(74,7)	(63,5)
10A	4.70	2.250	1.750	4.250	3.750
	(119,4)	(57,1)	(44,4)	(107,9)	(95,3)





F1400CA (3 and 6Amp) Dimensions





Standard Mounting Cutouts

.450

(11,43)

F1200CA, F1300CA, F1400CA, F1500CA, F1600CA, F1700CA 187 (4,75) 140 Dia. (3,55) 2 Holes (22,9)

1.575

(40,0)

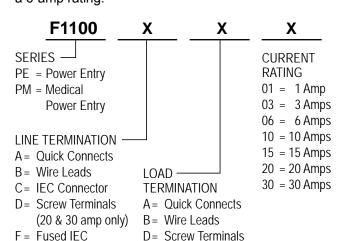
How to Order

.234

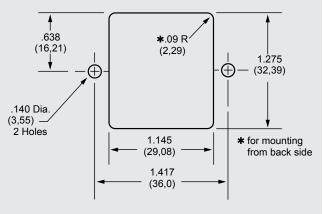
(5,94)

The Curtis part numbering system is made up of four elements. Each element denotes a specific requirement (mechanical or electrical) which, when properly sequenced, fully identifies the required catalog filter. As shown, the first five alpha/numeric characters denote the series type; the sixth character (alpha) denotes the type of line termination; the seventh character (alpha) denotes the type of load termination; the last two characters (numeric) denote the current rating.

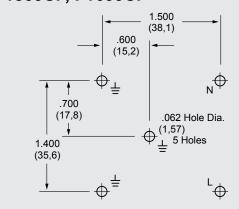
Compose your part number as follows: Select the series required, add two alpha character for the line and load termination, followed by two numeric characters for the required current rating. For example, F1100AB06 completely identifies an F1100 series filter with quick connects on line side and wire leads on load side, with a 6-amp rating.



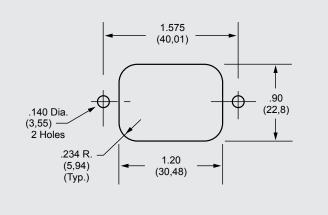
F1500FA, F1600FA,



F1300CP, F1600CP



F5500/5600/5700 SERIES





(20 & 30 amp only)

P = Printed Circuit Pins

S = Solder Tab



P = Printed Circuit Pins

W= Dual Fused IEC

J = Switched IEC