



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of “Quality Parts,Customers Priority,Honest Operation,and Considerate Service”,our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



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F3099 RFI Filters



General Purpose Filtered Modules

Features:

- Designed to Meet UL544 and IEC601 Specifications for Medical and Dental Equipment, both patient care and onpatient categories.
- Leakage current in this series is extremely low to satisfy the stringest leakage current limit imposed by safety regulations for medical and dental equipment.

Specifications:

Maximum Voltage: 250VAC Maximum - 50/60 Hz

Rated Current: 250VAC
6A

Current Overload: 6X for 8 seconds

Hi-Pot Test (1 min):

Line to Ground 1500VAC

Line to Line 1450VDC

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: Quick Connect

B: Wire

Maximum Leakage Current:

Each Line to Ground **F3000 Series**

115VAC, 60Hz: 2 μ A

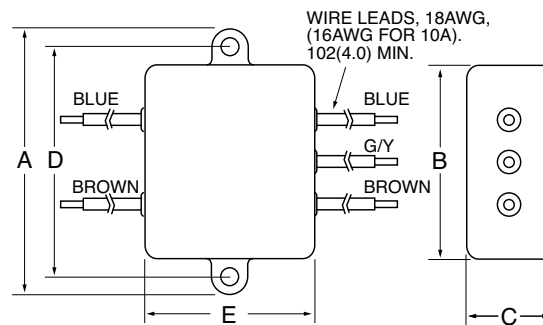
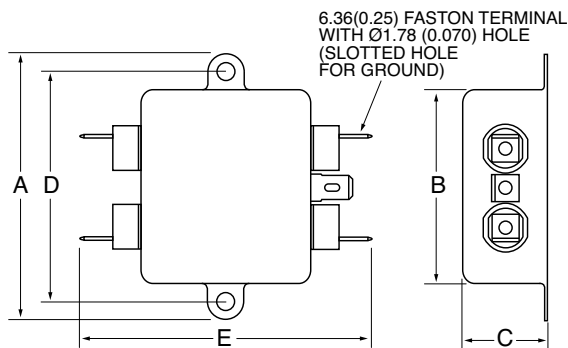
250VAC, 50Hz: 5 μ A

Agency Approvals:

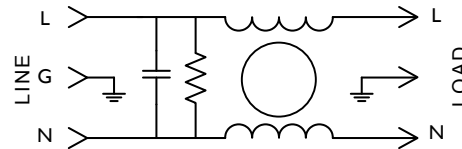


F3099AA (6Amp) Dimensions

Amps	A	B	C	D	E
6A	2.53 (64,30)	1.82 (46,2)	0.78 (19,8)	2.126 (54,0)	2.53 (64,30)
	2.53 (64,30)	1.82 (46,2)	0.78 (19,8)	2.126 (54,0)	1.32 (33,5)



F3099 Series Simplified Schematic



MEDICAL FILTERS

Nominal Current Rating	Part Number	Termination Line/Load	MINIMUM INSERTION LOSS - dB (50 ohm Circuit)									
			MODE	Frequency - MHz								
				0.05	0.10	.15	.50	1.0	5.0	10	30	
6A	F3099AA06 F3099BB06	QC/QC Ø	Common	3	7	11	20	22	24	22	18	
			Differential	3	6	14	20	30	35	35	35	

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

