



F1504A015B-002 EMI Filter



1.Features of F1504A015B-002 :

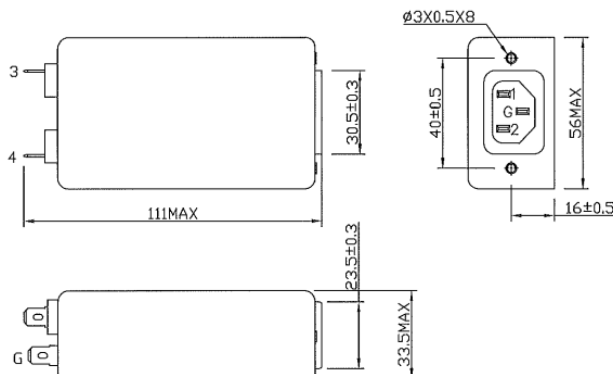
- Designed to suppress both Common and Differential mode emissions.
- Filter components are encapsulated in a plated metal enclosure.
- Filter is provided with Fast-on terminal (6.3mm) for output terminations.
- The filter is UL,CSA recognized and complies with VDE, CE and CQC safety and construction requirements.



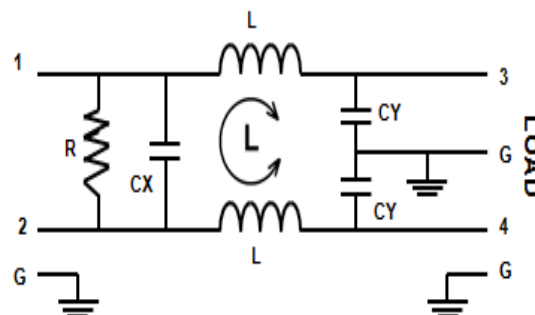
2. Electrical Characteristics :

Voltage Rating:	125Vac/250Vac	
Current Rating@40°C :	@ 125Vac @ 250Vac	15A
Leakage Current:	@250Vac 50Hz	2.3mA Max.
Hi-Pot rating:	Line to Ground Line to Line	2250VDC/ 2 Sec 1450VDC/ 2 Sec
Temperature Range:	-25°C To +85°C	

3. Mechanical Dimensions (unit: mm±2mm except as noted):



4. Schematic:



5.Filter Insertion Loss

Frequency	0.15(MHz)	0.5(MHz)	1.0(MHz)	5.0(MHz)	10.0(MHz)	30.0(MHz)	50.0(MHz)
Insertion Loss							
COM.MODE dB	51	41	45	53	47	33	33
DIF.MODE dB	27	36	37	37	34	30	45

Notes:

1. Insertion loss test performed in a 50ohm system.
2. Filter current rating should be de-rated at ambient temperatures higher than +40°C from formula below:
Operating current = Rated Current X ((85 - Operating temperature)/45)^{0.5}

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*Due to continuous product improvement, all specifications are subject to change without prior notice. Kindly contact an ITG field application engineer or a sales representative prior to purchase.