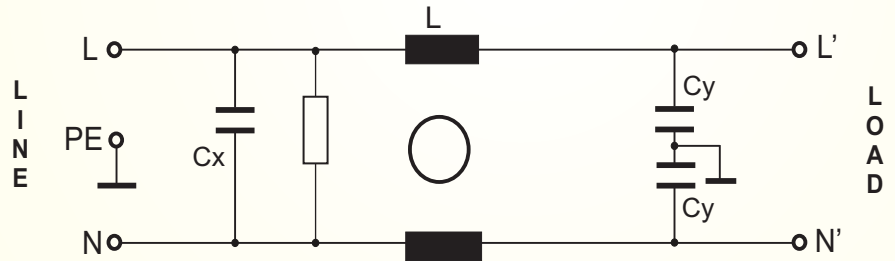


Ultra Compact EMC Filter



CIRCUIT DIAGRAM:



Technical Specification

Max Rated Voltage 250VAC, 50/60 Hz

Operating Frequency DC to 400Hz

Rated Current 0.5A to 8.4A @40°C

Hipot Test Voltage-

L-L 1100VDC 2sec

L-G 2250VAC 2sec

Temperature Range -25 to +100°C(25/100/21)

- Rated currents from 0.5A to 8.4A
- Very compact PCB-mountable design.
- single phase power supplies ,switch mode power supplies
- Electrical and electronic equipment.

Applications:

- Power Control Equipment for DC to 400Hz electrical and electronic equipment.
- Industrial Equipment Vulnerable to Transients on the DC/AC Power Line (Computers, Traffic Controls, Motor Controllers, Etc.)
- Communications/IT systems.
- Protection of Equipment Connected to Telephone or Signal Lines, Such as Security Systems, Railroad Equipment, Fire Alarm Systems, Etc
- Standard PCB single-phase equipment .
- Small to medium sized machines and household equipments.

Features:

- Good conducted attenuation performance, based on chokes with high saturation resistance and excellent thermal behavior.
- Various noisy applications requires high performance filter.
- Custom specific versions on request.

Benefits:

- Filter is designed for easy, fast and compact PCB mounting .
- Lowers Overall System Costs by Reducing Downtime and Maintenance Costs.
- Improves Component and System Reliability.
- Reduces EMP/RFI Interference.

FILTERS SELECTION TABLE

SN	PART NO	RATED CURRENT @40°C A	LEAKAGE CURRENT 250V/50Hz μ A	MECHANICAL DIMENSION L X W X H (mm)	CONNECTION TYPE
1	BLAD06-0.5-H	0.5	373	45X15X28	HOLE-MOUNTING
2	BLAD06-1-H	1	373	45X15X28	HOLE-MOUNTING
3	BLAD06-3-H	3	373	45X15X28	HOLE-MOUNTING
4	BLAD06-6-H	6	373	45X15X28	HOLE-MOUNTING
5	BLAD06-8.4-H	8.4	373	45X15X28	HOLE-MOUNTING

- The BLAD06-XXX-H also offer good range amperage ratio/size and cover large scale usage
- BLAD06-XXX-H are also available in medical versions which allow you to select desired filter as per application type.

REMARK

** TERMINAL SIZE DEMANDS ON MOUNTING HOLE

INSERTION LOSS(dB)

0.5A

MHZ	0.1	0.5	1	5	10
CM	40	53	50	48	49
DM	10	30	52	48	49

1A

MHZ	0.1	0.5	1	5	10
CM	42	53	51	48	50
DM	12	32	51	47	48

3A

MHZ	0.1	0.5	1	5	10
CM	41	55	52	48	51
DM	11	31	54	50	51

6A

MHZ	0.1	0.5	1	5	10
CM	17	27	36	43	49
DM	5	13	22	57	55

8.4A

MHZ	0.1	0.5	1	5	10
CM	8	10	24	30	28
DM	5	12	22	40	60

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