

RDEN SERIES

DC48V Line Filter



EMC
filter

FEATURES

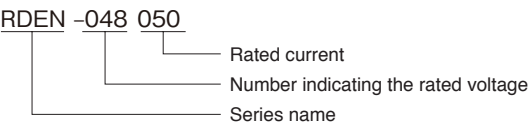
- Major applications : Information and Telecommunication equipment.
- High attenuation for noise from low frequency to high frequency.
- Large stud type terminals for easy connection.
- Cost effective design.
- RDEN series noise filters are for DC48V input only. (Use for AC power line is not available.)

RDEN

SAFETY STANDARDS

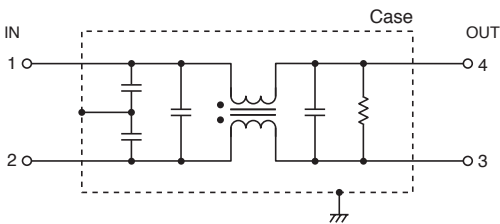
UL60950-1
CSA C22.2 No. 60950-1 (cUL)
EN60939-1/-2 (SEMKO)

PRODUCT IDENTIFICATION



CONFORMITY TO RoHS Directive

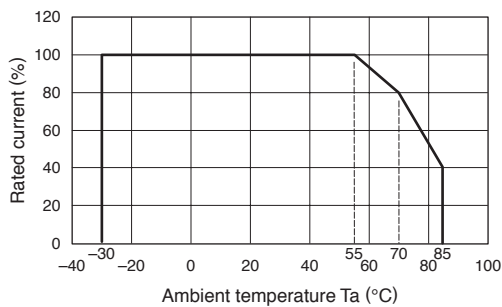
CIRCUIT DIAGRAM



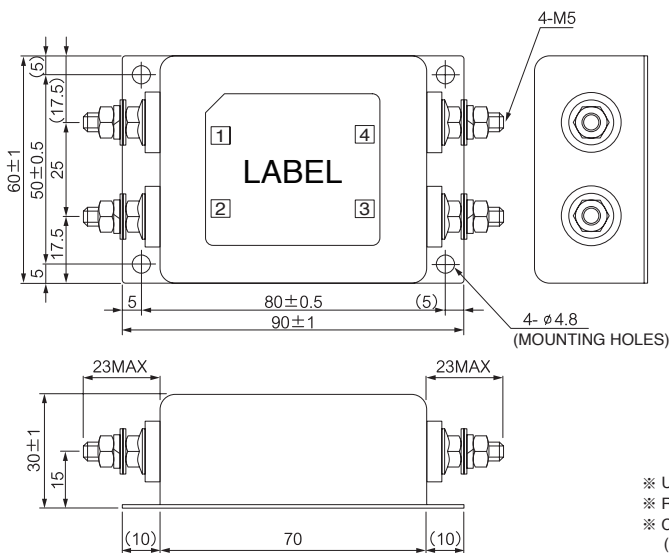
ELECTRICAL CHARACTERISTICS

Part No.	Rated voltage (DC)	Rated current (DC)	Withstand voltage	Insulation resistance	Operating temperature range	With derating over	DC resistance (mΩ)	Attenuation frequency range (MHz)		Weight (g)
								Common mode	Differential mode	
								at 30dB	at 25dB	
RDEN-048050	48V (DC76V max)	50A	DC1500V 60s [Between line to ground]	500MΩ min. [DC.500V/1min]	-30 ~ +85°C	55°C	3 max.	0.2 ~ 10	0.7 ~ 30	310

DERATING GRAPH



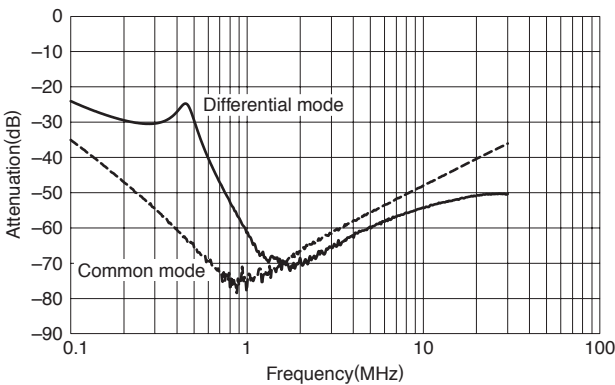
MECHANICAL



- ※ Unit : mm
- ※ Recommended clamping torque : 2.5N · m
- ※ Case and Base plate : Metal / t=0.8
(Surface treatment : Nickel plating)

ATTENUATION vs. FREQUENCY CHARACTERISTICS

RDEN-048050



Mouser Electronics

Authorized Distributor

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