RDEN SERIES

DC48V Line 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.)

■ SAFETY STANDARDS

UL60950-1	UL File No. E467819
CSA C22.2 No. 60950-1 (cUL)	UL File No. E467819
EN60939-1/-2 (SEMKO)	Certificate Ref. No. 1415643

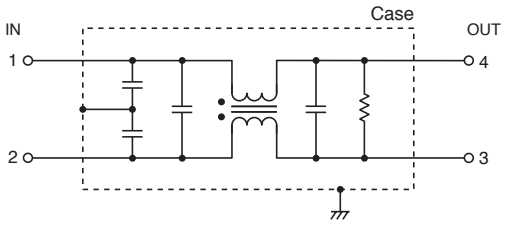
■ PRODUCT IDENTIFICATION

RDEN -048 050

- 050 — Rated current
- 048 — Number indicating the rated voltage
- RDEN — Series name

■ CONFORMITY TO RoHS Directive

■ CIRCUIT DIAGRAM

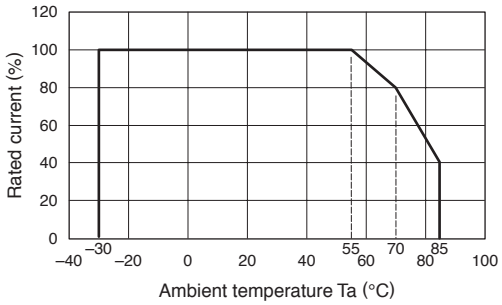


· All specifications are subject to change without notice.

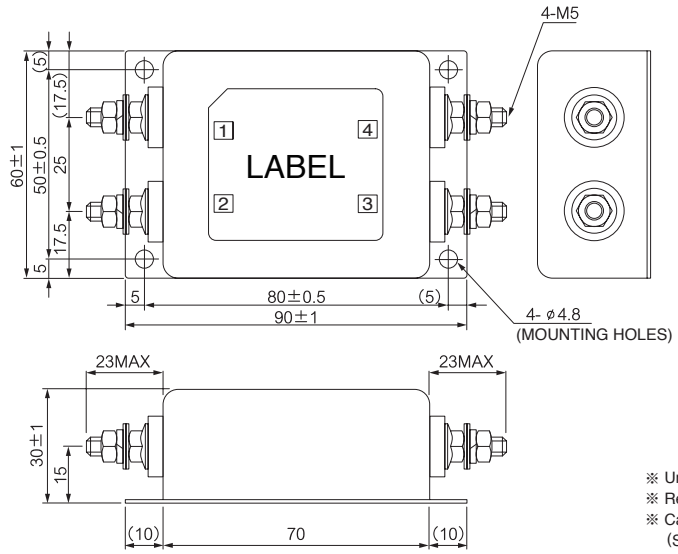
■ ELECTRICAL CHARACTERISTICS

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℃	55℃	3 max.	0.2 ～ 10	0.7 ～ 30	310

■ DERATING GRAPH



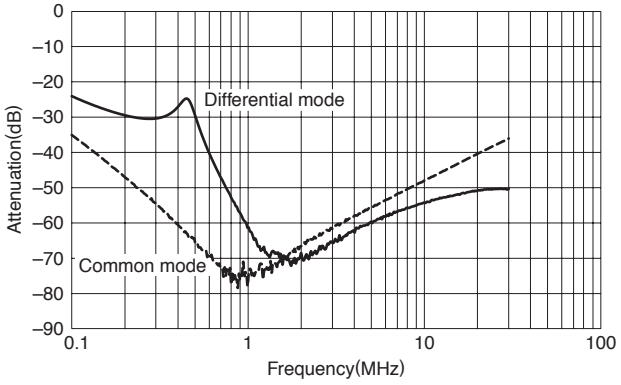
■ MECHANICAL



※ 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



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