

RDEN SERIES

DC48V Line Filter



EMC  
filter

FEATURES

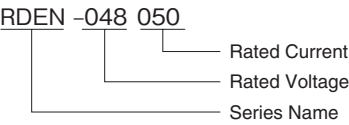
- High attenuation for any noise from low frequency to high frequency by applying large capacity condenser for DC48V power line  
Major application : Information and telecommunication equioment
- Large stud teminal type several wiring connections available
- Cost saving design  
Compared with our current noise filter for the same capacity for AC input,
- CAUTION  
RDEN048 series shall be noise filters for DC48V power line only.  
Use for AC power line is not available.

RDEN

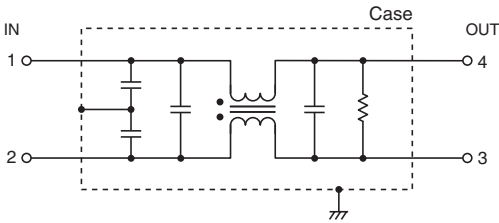
SAFETY STANDARDS

UL60950-1	UL File No. E467819
CSA C22.2 No.60950-1 (cUL)	UL File No. E467819
EN60939 (SEMKO)	Licence Ref.No 1404212

PRODUCT IDENTIFICATION



CIRCUIT DIAGRAMS

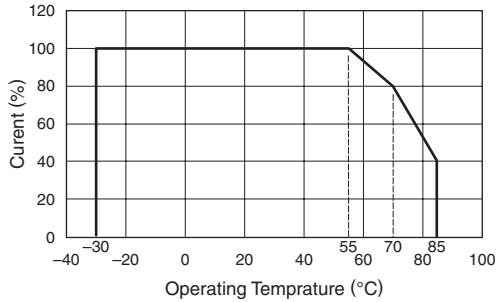


- Conformity to RoHS Directive: This means that, in conformity with EU Directive 2002/95/EC, lead, cadmium, mercury, hexavalent chromium, and specific bromine-based flame retardants, PBB and PBDE, have not been used, except for exempted applications.

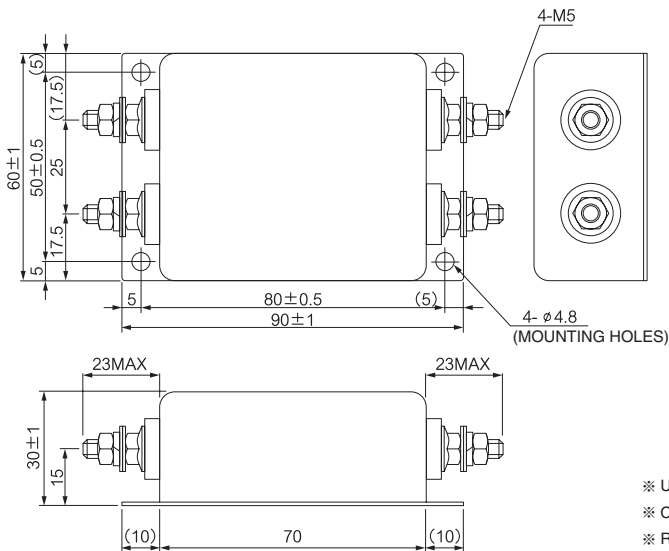
ELECTRICAL CHARACTERISTICS

Model	Rated Voltage (DC)	Rated Current (DC)	Withstand voltage	Isolation 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



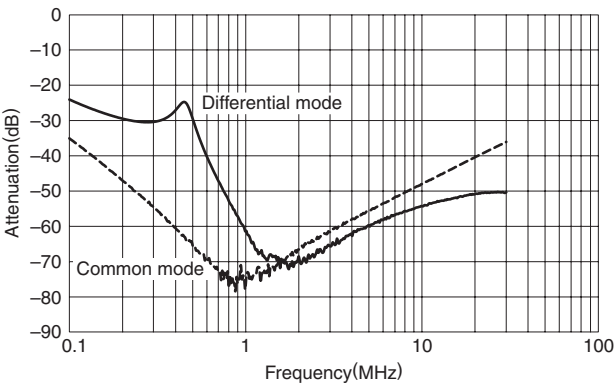
SHAPES AND DIMENSIONS



- ※ Unit : mm
- ※ Case : Meta
- ※ Recommended clamping torque: 2.5N·m

ATTENUATION vs. FREQUENCY CHARACTERISTICS

RDEN-048050



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