# filter

RDEN

# **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

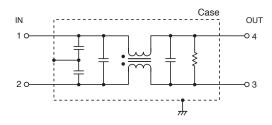
UL File No. E467819
CSA C22.2 No. 60950-1 (cUL)
UL File No. E467819
UL File No. E467819
Certificate Ref. No. 1415643

# **■ PRODUCT IDENTIFICATION**



#### **■ CONFORMITY TO RoHS Directive**

#### **■ CIRCUIT DIAGRAM**

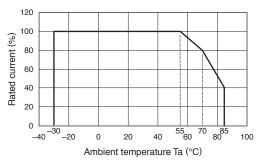


# **■ ELECTRICAL CHARACTERISTICS**

Part No.	Rated voltage (DC)	Rated current (DC)	Withstand voltage	Insulation resistance				Attenuation fr	equency range	
					Operating temperature range	With derating over	DC resistance (mΩ)	(MHz)		Weight
								Common mode	Differential mode	(g)
								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

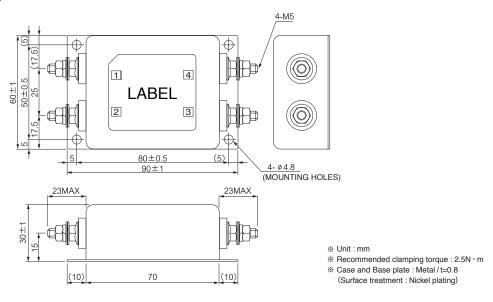
#### **■ DERATING GRAPH**

EMC filter



#### **■ MECHANICAL**

RDEN



# **■ ATTENUATION vs. FREQUENCY CHARACTERISTICS**

#### RDEN-048050

