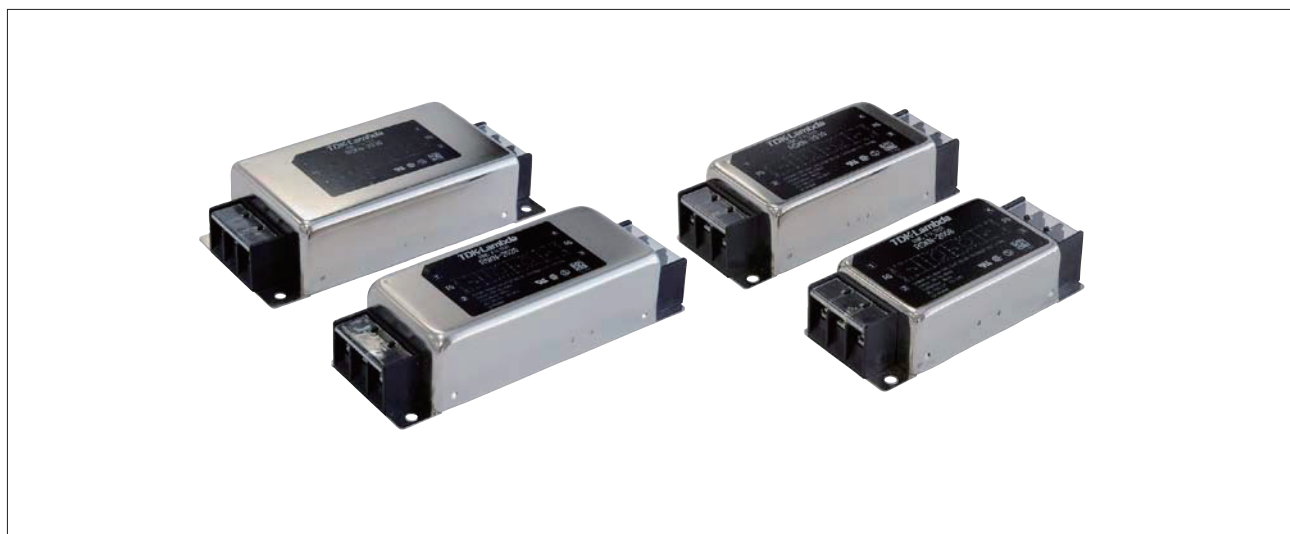


RSKN SERIES

Wide band, high attenuation from low frequency to high frequency



EMC
filter

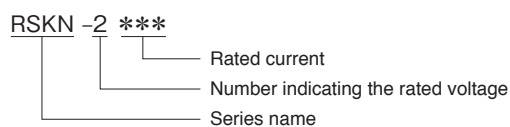
FEATURES

- Two stage filtering and the nano crystal core with high attenuation performance is employed.
- Wide band, high attenuation from low frequency to high frequency.
- Terminal block for simple installation.
- Terminal block cover is included for safety protection.

SAFETY STANDARDS

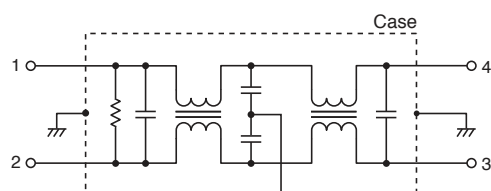
UL1283
CSA C22.2 No.8
EN60939-1/-2 (SEMKO)

PRODUCT IDENTIFICATION



CONFORMITY TO RoHS Directive

CIRCUIT DIAGRAM



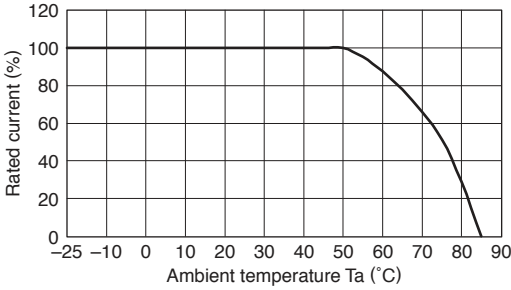
ELECTRICAL CHARACTERISTICS

Part No.	Rated voltage (AC/DC)	Rated current (AC/DC)	Withstand voltage	Isolation resistance	Leakage current	Operating temperature range	With derating over	DC resistance (Ω)	Attenuation frequency range(MHz)		Weight (g)
									Common mode	Differential mode	
									at 30dB	at 25dB	
RSKN-2006	250V	6A ^{*1}	AC2500V 60s [Between line to ground]	100MΩ min. [DC.500V/ 1min]	1.0mA max. [250V/60Hz]	-25 ~ +85℃	50℃	0.3 max.	0.2 ~ 30	0.4 ~ 30	220
RSKN-2010		10A ^{*1}						0.1 max.	0.2 ~ 30	0.5 ~ 30	310
RSKN-2020		20A ^{*2}					45℃	0.02 max.	0.3 ~ 30	0.4 ~ 30	530
RSKN-2030		30A ^{*2}						0.01 max.	0.4 ~ 30	0.4 ~ 30	660

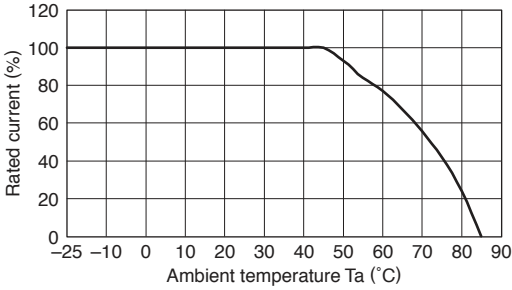
^{*1} : Value at Ta≤50℃ . Refer to the derating curve shown below at Ta > 50℃
^{*2} : Value at Ta≤45℃ . Refer to the derating curve shown below at Ta > 45℃

DERATING GRAPHS

RSKN-2006/-2010

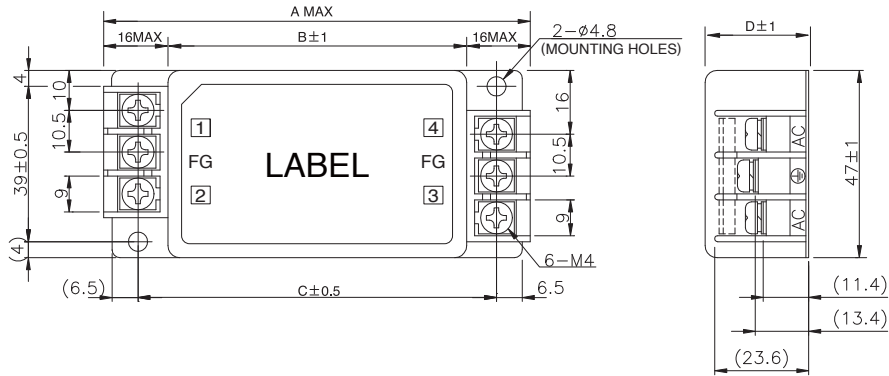


RSKN-2020/-2030



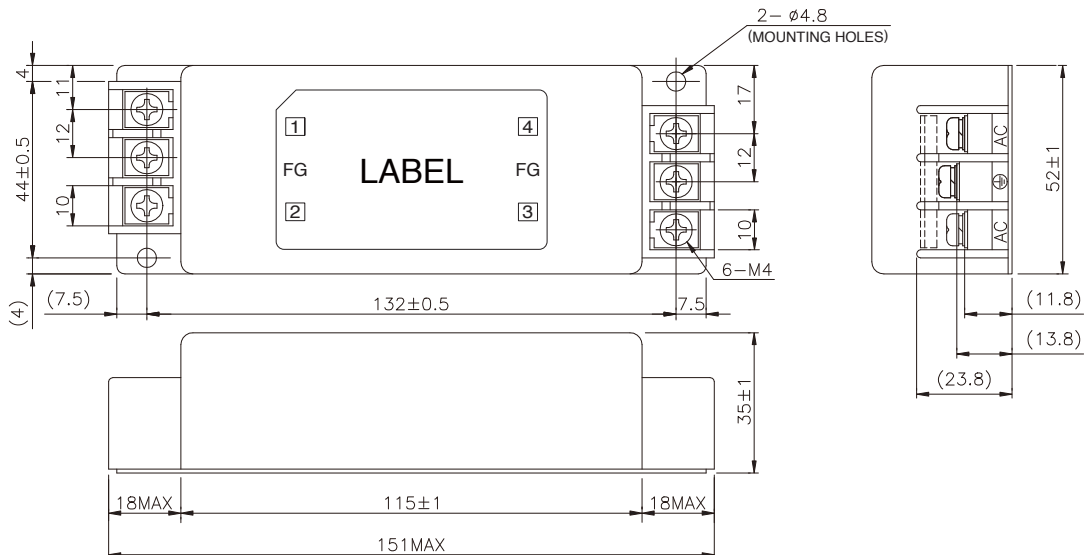
MECHANICAL

RSKN-2006/2010

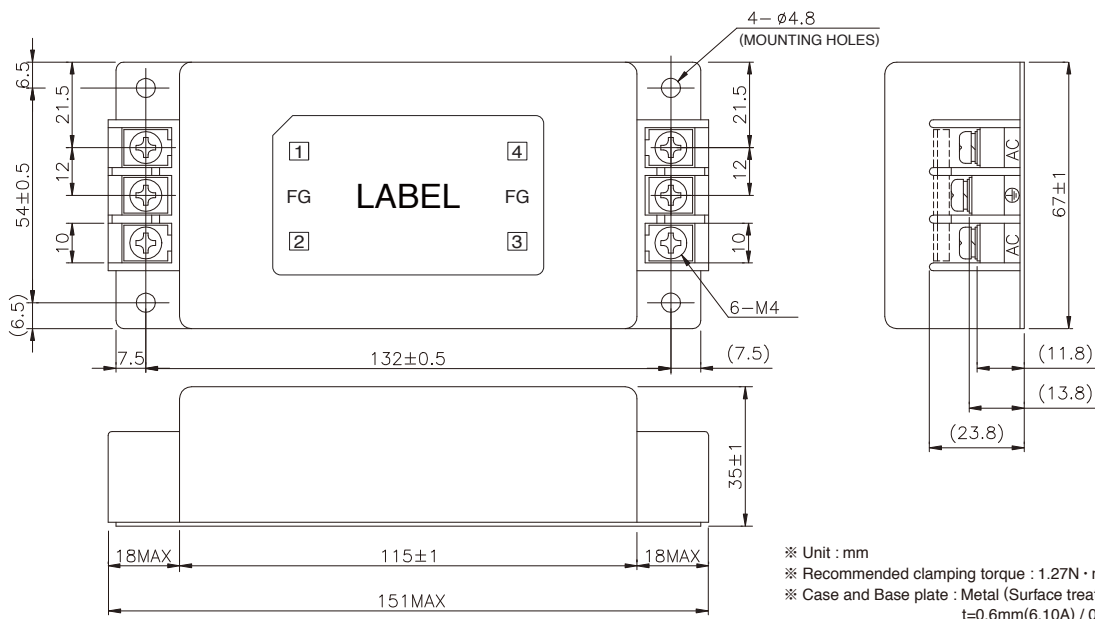


Part No.	A	B	C	D
RSKN-2006	107	75	90	26
RSKN-2010	117	85	100	30

RSKN-2020



RSKN-2030



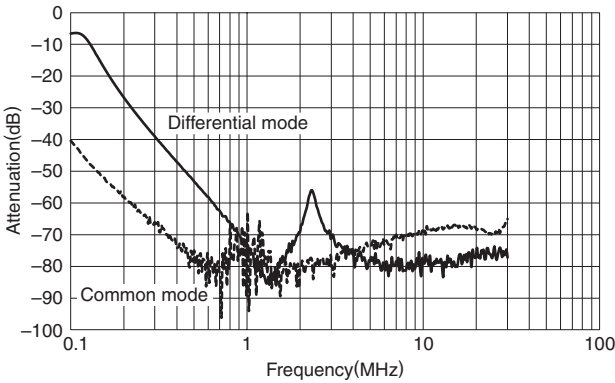
※ Unit : mm

※ Recommended clamping torque : 1.27N · m

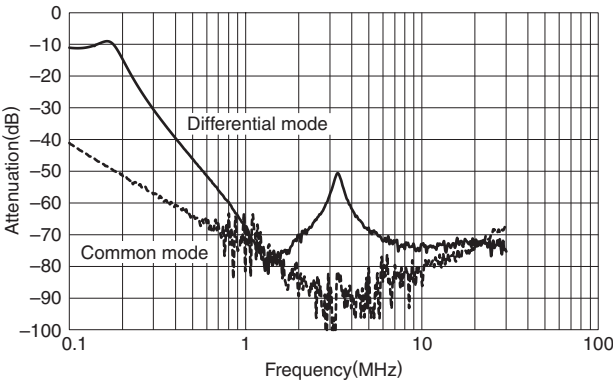
※ Case and Base plate : Metal (Surface treatment : Nickel plating)
t=0.6mm(6,10A) / 0.8mm(20,30A)

■ ATTENUATION vs. FREQUENCY CHARACTERISTICS

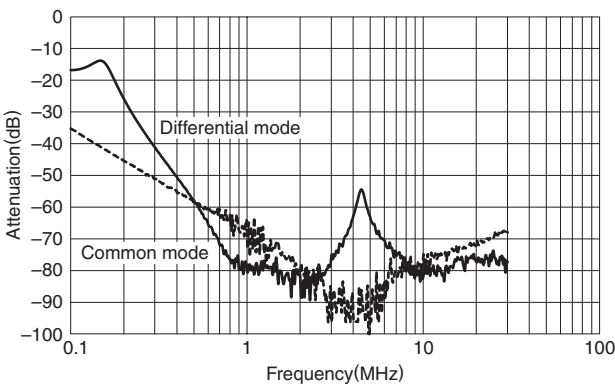
RSKN-2006



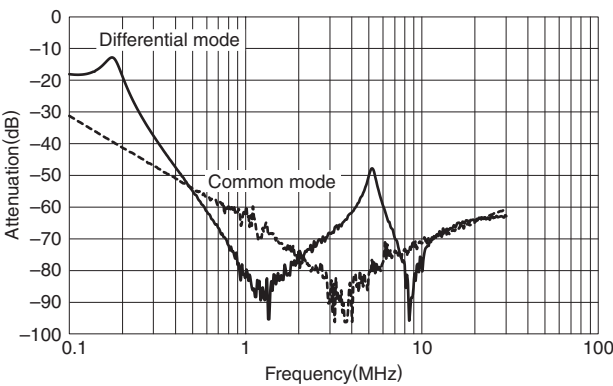
RSKN-2010



RSKN-2020

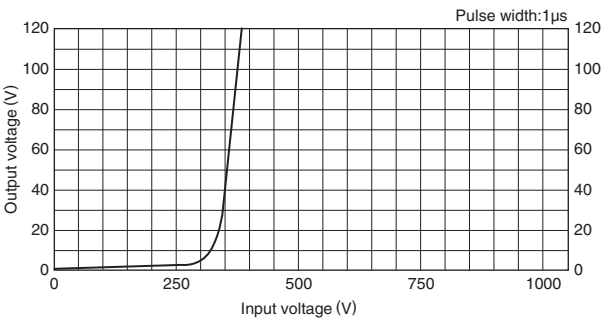


RSKN-2030

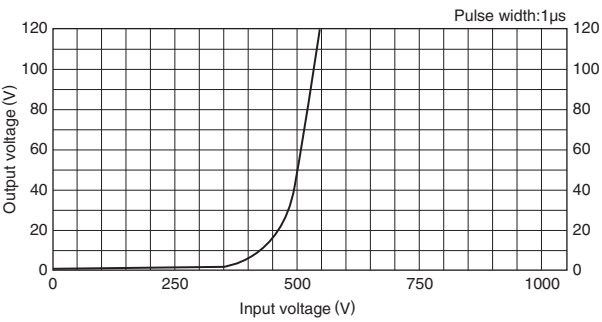


PULSE ATTENUATION CHARACTERISTICS

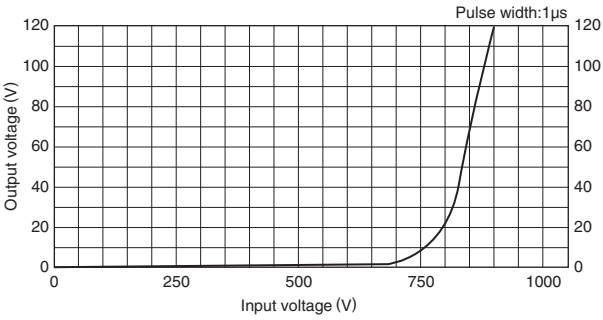
RSKN-2006



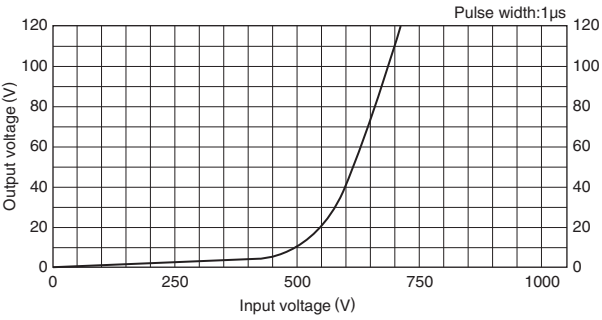
RSKN-2010



RSKN-2020



RSKN-2030



EMC
filter

RSKN

Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

[TDK-Lambda:](#)

[RSKN-2006](#) [RSKN-2010](#) [RSKN-2020](#) [RSKN-2030](#)