

RSAG SERIES

Single-Phase Filter with On-board Type for High-Voltage Pulse Noise



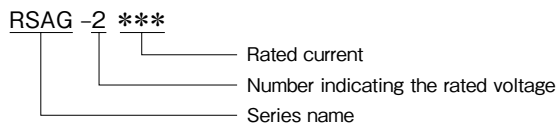
FEATURES

- Amorphous core is used as the common mode coil core for the this series, which helps prevent device errors.
- Wide range lineup for nominal current.

SAFETY STANDARDS

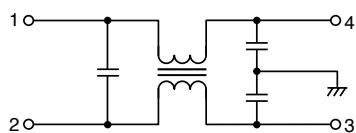
UL1283
 CSA C22.2 No.8 (cUL)
 EN60939-1/-2 (ENEC14)

PRODUCT IDENTIFICATION



CONFORMITY TO RoHS Directive

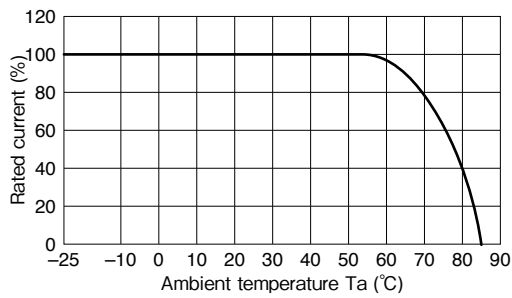
CIRCUIT DIAGRAM



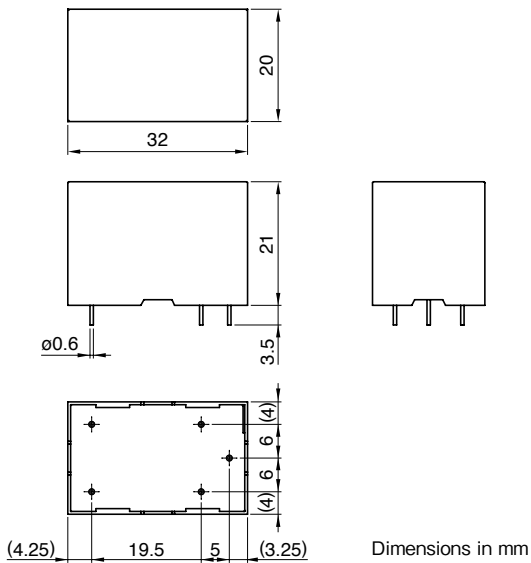
■ ELECTRICAL CHARACTERISTICS

Part No.	Rated voltage (AC/DC)	Rated current (AC/DC)	Withstand voltage	Insulation resistance	Leakage current	Operating temperature range	With derating over	DC resistance (mΩ)	Attenuation frequency range (MHz)		Weight (g)
									Common mode	Differential mode	
									at 20dB	at 20dB	
RSAG-20R5	250V	0.5A	AC.1500V 60s [line - earth]	100MΩ min. [DC.500V/ 1min]	0.75mA max. [250V/60Hz]	-25 to +85°C	55°C	400 max.	0.5 to 10	1.5 to 30	14
RSAG-2001		1A						350 max.	0.5 to 10	1.5 to 30	14
RSAG-2002		2A						310 max.	1 to 20	1.5 to 30	14
RSAG-2003		3A						150 max.	1 to 20	1.5 to 30	≒25
RSAG-2004		4A						130 max.	2 to 20	1.5 to 30	≒25
RSAG-2006		6A						100 max.	2 to 20	1.5 to 30	≒25

■ DERATING GRAPH

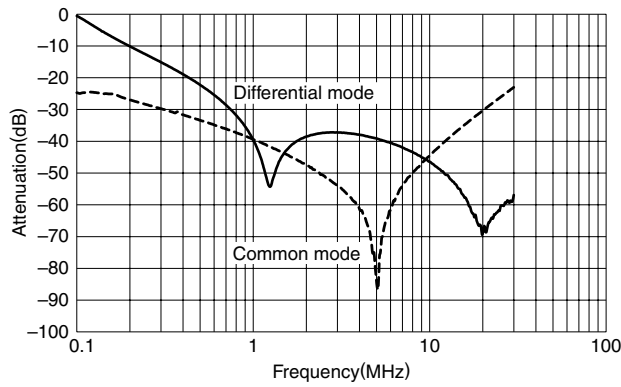


■ MECHANICAL

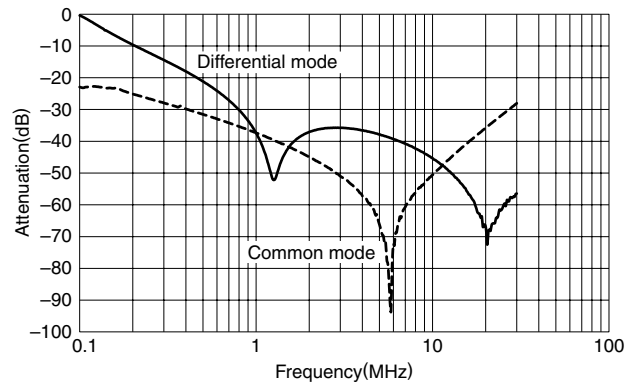


■ ATTENUATION vs. FREQUENCY CHARACTERISTICS

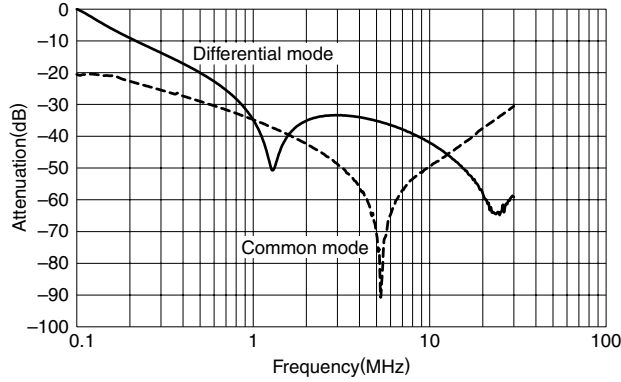
RSAG-20R5



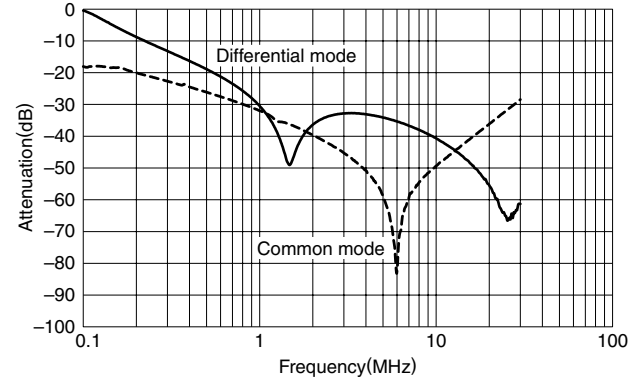
RSAG-2001



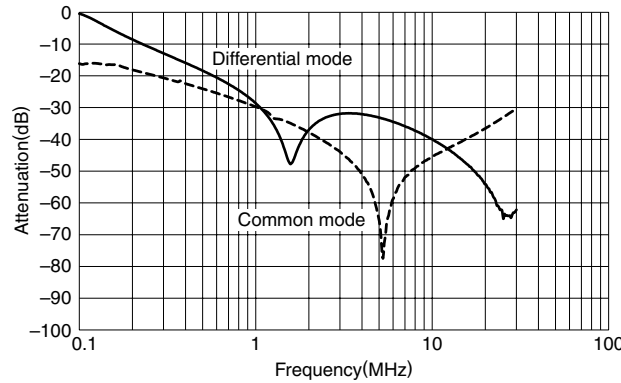
RSAG-2002



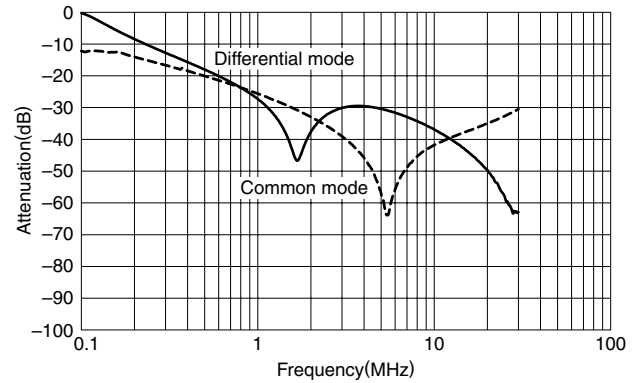
RSAG-2003



RSAG-2004

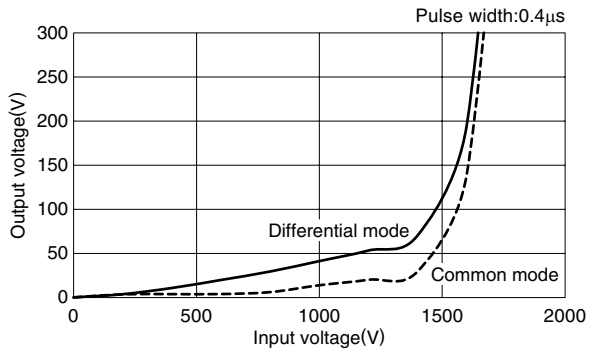


RSAG-2006

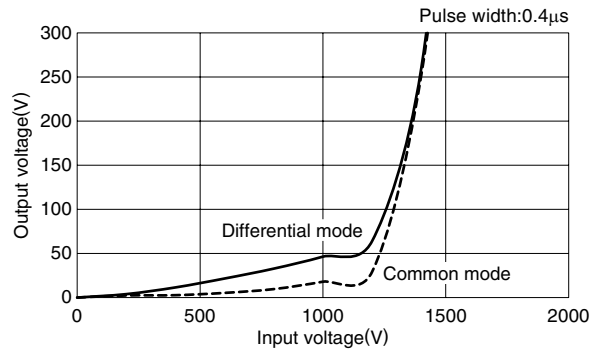


PULSE ATTENUATION CHARACTERISTICS

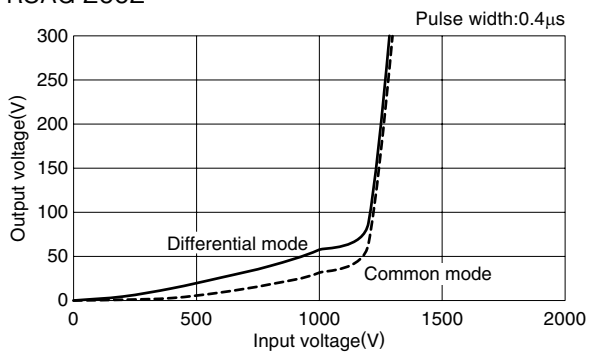
RSAG-20R5



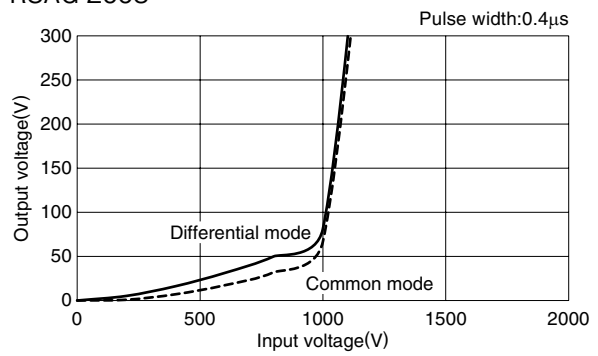
RSAG-2001



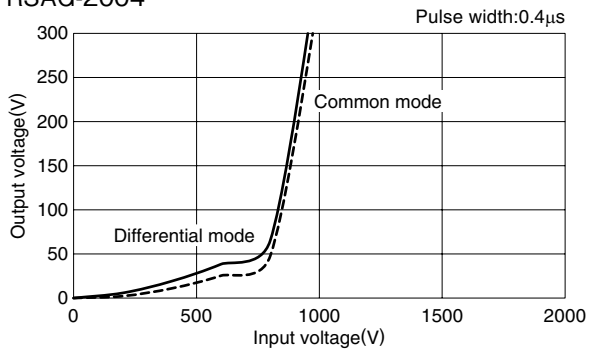
RSAG-2002



RSAG-2003



RSAG-2004



RSAG-2006

