



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of "Quality Parts,Customers Priority,Honest Operation,and Considerate Service",our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



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RTAN SERIES

Three-Phase External Noise Prevention Filter (For Immunity)



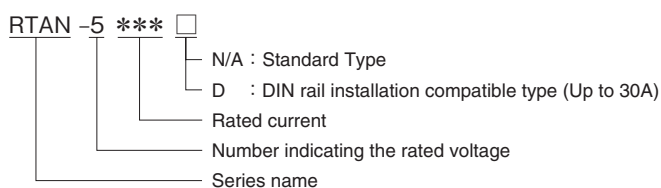
FEATURES

- Self-tightening screws and an open/close type cover make wiring work easier.
- Small and light plastic body.
- Low-profile design.
- Best for high-voltage pulse noise prevention.
- DIN rail installation compatible type is also available.
- Compliant with RoHS directives.

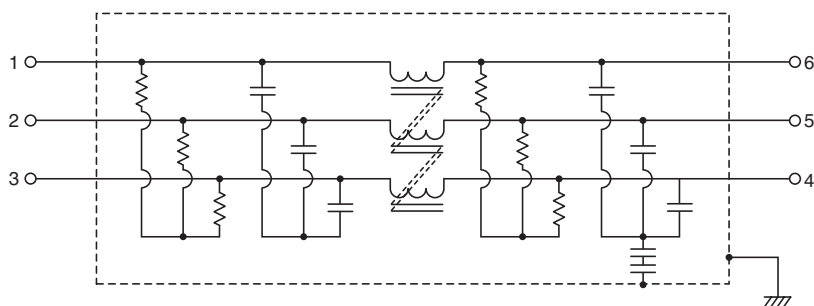
SAFETY STANDARDS

UL1283 File No. E62388
 EN60939 Licence Ref. No. SE/07115-5

PRODUCT IDENTIFICATION



CIRCUIT DIAGRAM



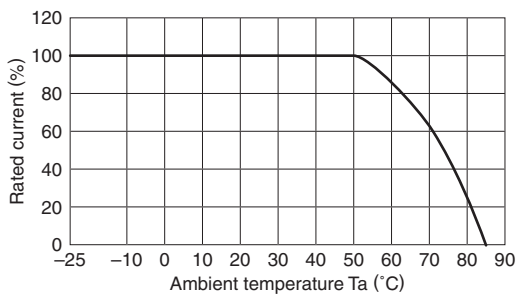
• Conformity to RoHS Directive: This means that, in conformity with EU Directive 2002/95/EC, lead, cadmium, mercury, hexavalent chromium, and specific bromine-based flame retardants, PBB and PBDE, have not been used, except for exempted applications.

• All specifications are subject to change without notice.

ELECTRICAL CHARACTERISTICS

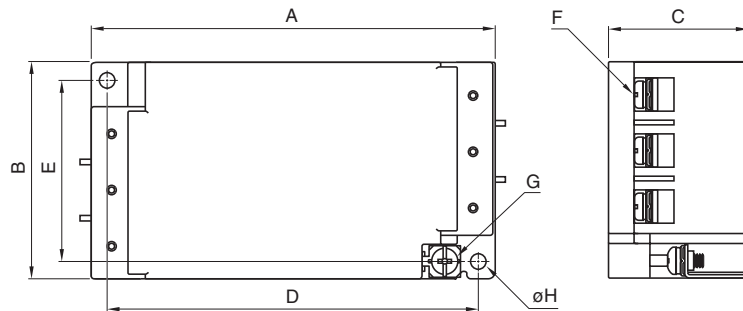
Part No.	Rated voltage (AC/DC)	Rated current (AC/DC)	Withstand voltage	Insulation resistance	Leakage current	Operating temperature range	With derating over	DC resistance (mΩ)	Attenuation frequency range (MHz)		Weight (kg)
									Common mode	Differential mode	
									at 25dB	at 25dB	
RTAN-5006	500V	6A	AC.2500V 60s [Between line to ground]	100MΩ min. [DC.500V/ 1min]	2.5mA max. [250V/60Hz]	-25 to +85°C	50°C	145 max.	0.2 to 10	0.2 to 30	0.36
RTAN-5010		10A						60 max.	0.3 to 10	0.2 to 30	0.36
RTAN-5020		20A						25 max.	0.4 to 10	0.2 to 30	0.57
RTAN-5030		30A						13 max.	0.6 to 10	0.3 to 30	0.57
RTAN-5040		40A						10 max.	0.5 to 8	0.2 to 30	1.12
RTAN-5050		50A						7 max.	0.6 to 10	0.3 to 30	1.12
RTAN-5060		60A						5 max.	0.7 to 10	0.3 to 30	1.12

DERATINGS

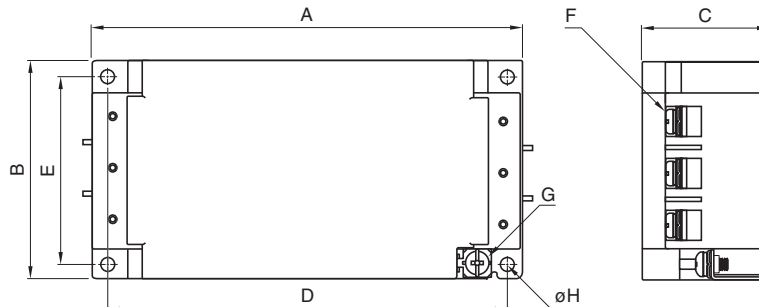


SHAPES AND DIMENSIONS

RTAN-5006/5010



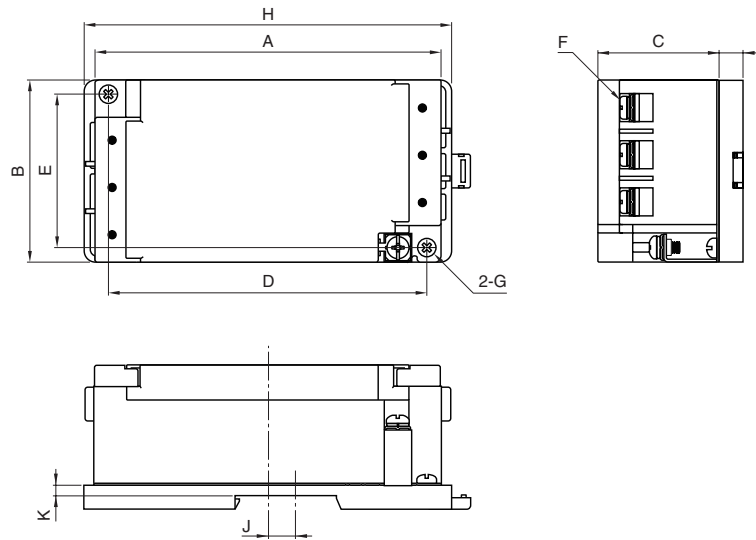
RTAN-5020/5030/5040/5050/5060



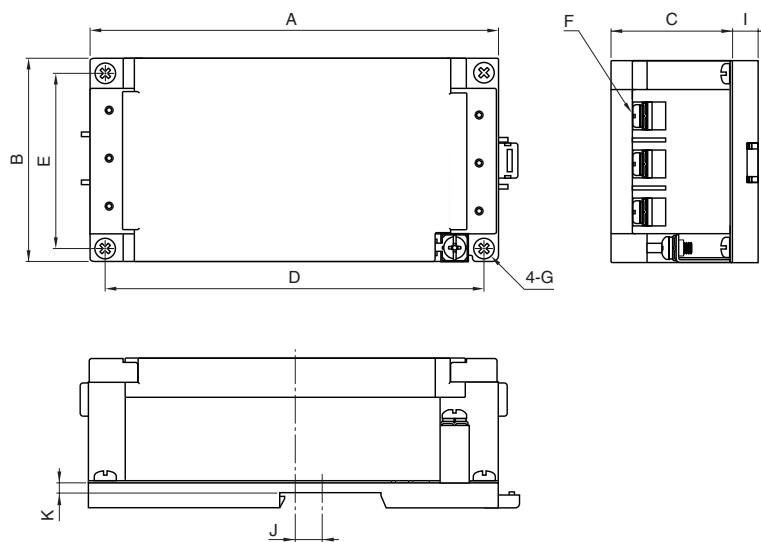
Dimensions in mm

Part No.	A	B	C	D	E	F	G	φH	Recommended clamping torque
RTAN-5006	120	63	42	110	53	M4	M4	4.5	M4 : 1.27N · m M5 : 2.5N · m
RTAN-5010									
RTAN-5020	140	70	42	130	60	M4	M4	4.5	
RTAN-5030									
RTAN-5040									
RTAN-5050	170	90	54	160	80	M5	M4	4.5	
RTAN-5060									

RTAN-5006D/5010D



RTAN-5020D/5030D

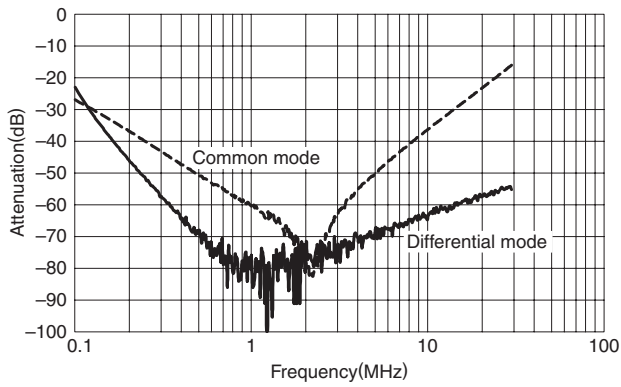


Dimensions in mm

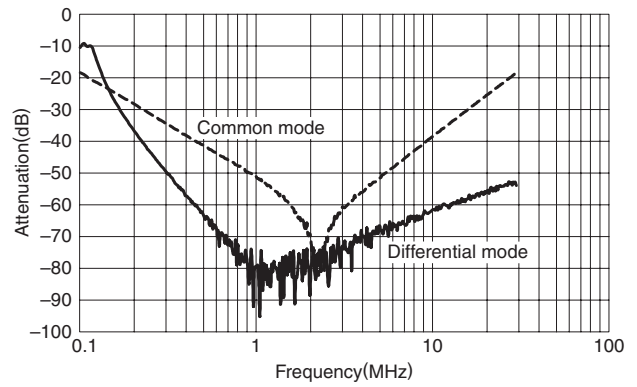
Part No.	A	B	C	D	E	F	G	H	I	J	K
RTAN-5006D	120	63	42	110	53	M4	M4	127	8.4	6	3.5
RTAN-5010D								-	8.4	12.5	3.5
RTAN-5020D	140	70	42	130	60	M4	M4	-	8.4	12.5	3.5
RTAN-5030D								-	8.4	12.5	3.5

ATTENUATION vs. FREQUENCY CHARACTERISTICS

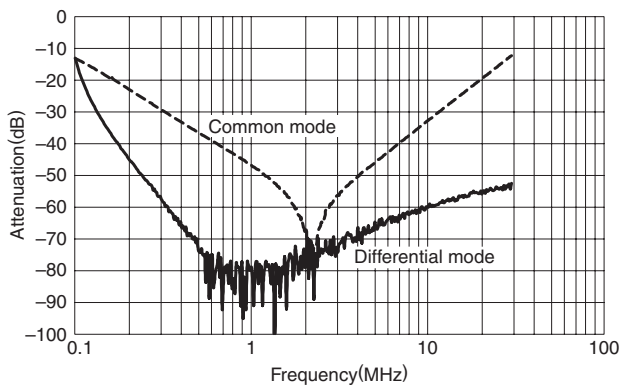
RTAN-5006



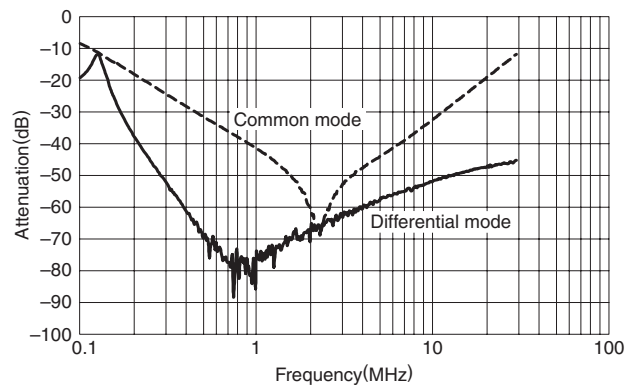
RTAN-5010



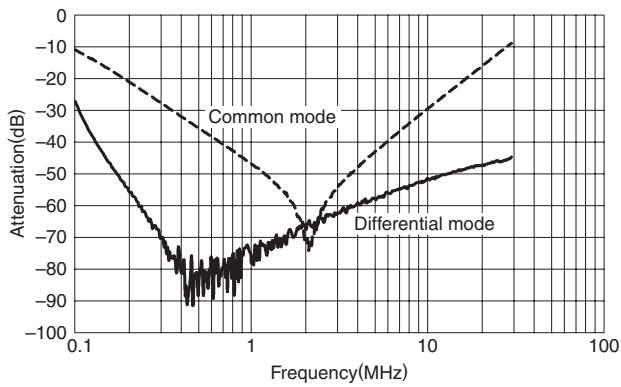
RTAN-5020



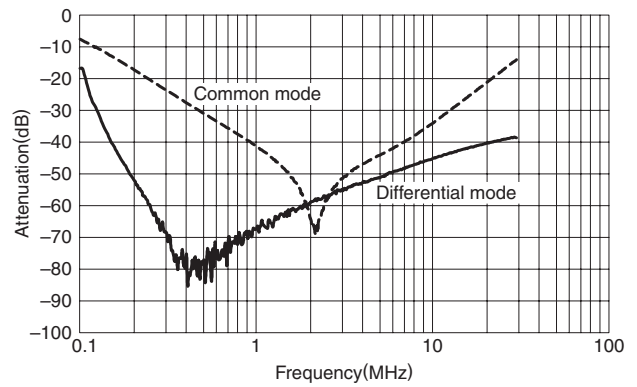
RTAN-5030



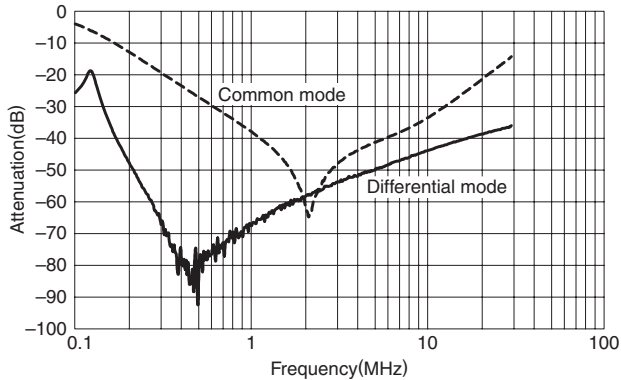
RTAN-5040



RTAN-5050

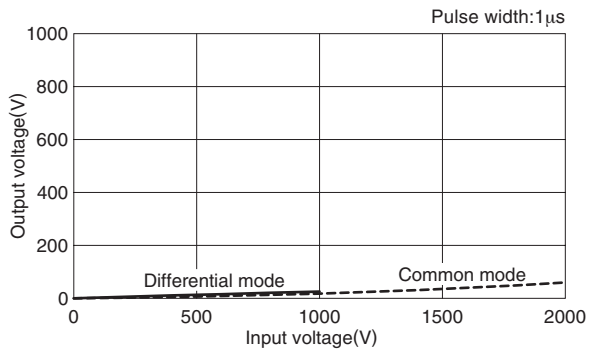


RTAN-5060

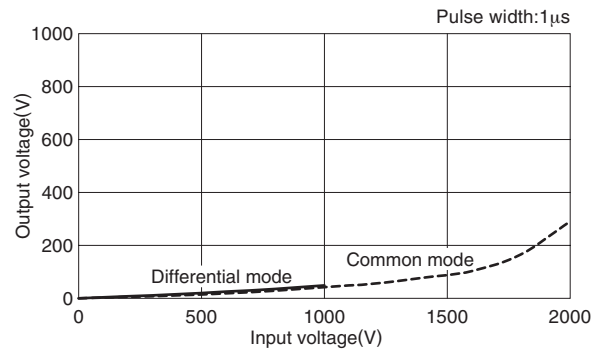


PULSE ATTENUATION CHARACTERISTICS

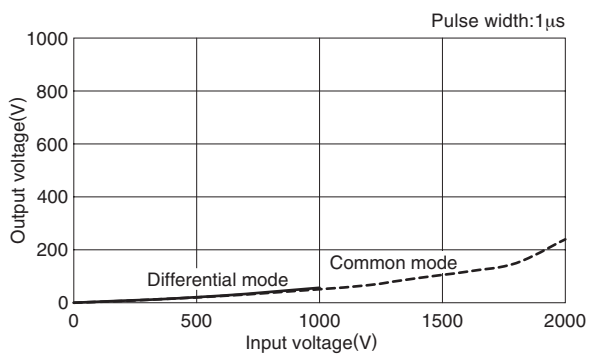
RTAN-5006



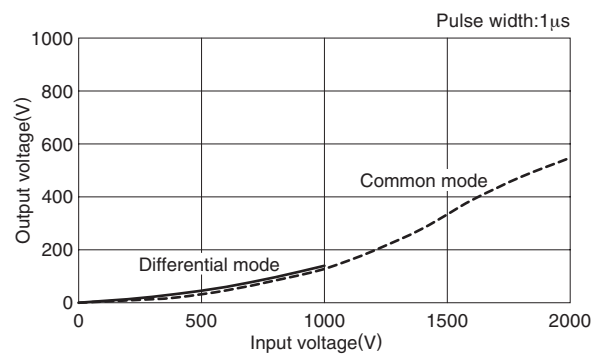
RTAN-5010



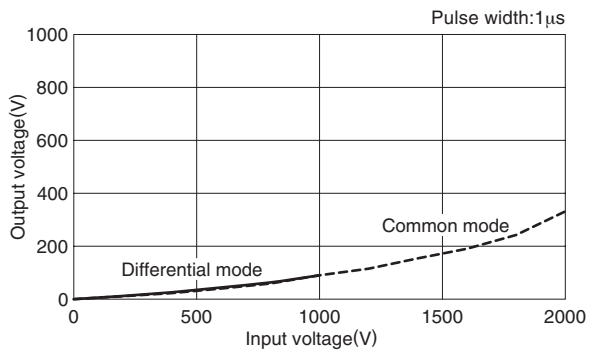
RTAN-5020



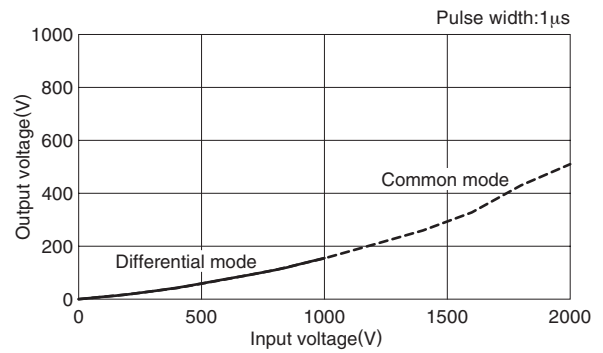
RTAN-5030



RTAN-5040



RTAN-5050



RTAN-5060

