



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!



## Contact us

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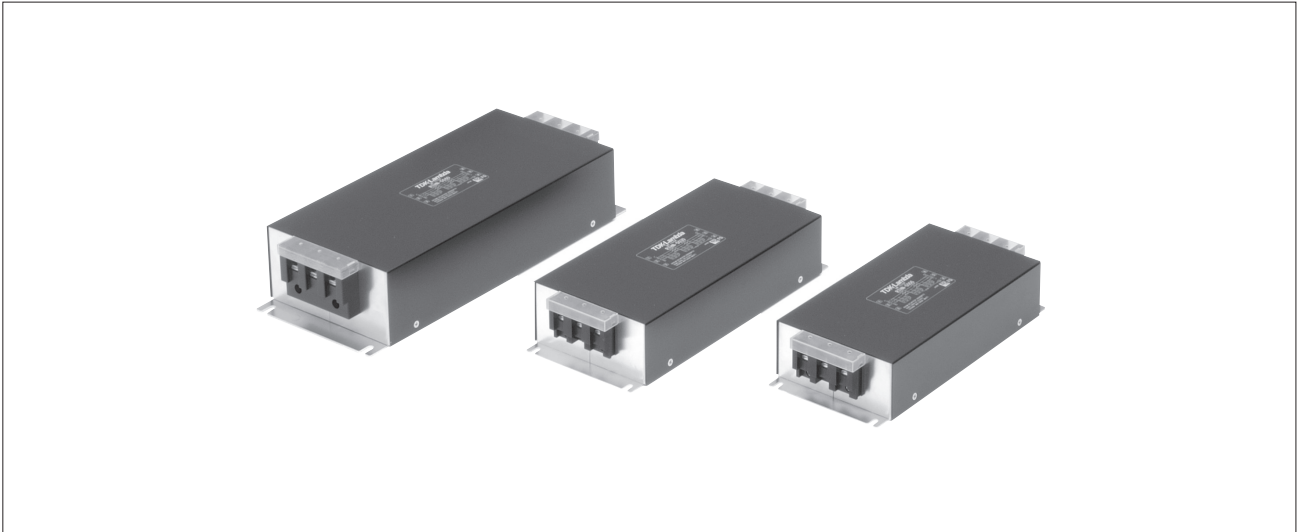
Email & Skype: info@chipsmall.com Web: www.chipsmall.com

Address: A1208, Overseas Decoration Building, #122 Zhenhua RD., Futian, Shenzhen, China



## RTMN SERIES

### High Attenuation Three-Phase External Noise Prevention Filter (Thin Type for Immunity)



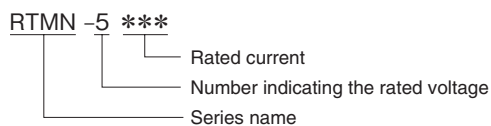
#### FEATURES

- Self-tightening screws and an open/close type cover make wiring work easier.
- Best for high-voltage pulse noise prevention.
- L2 high attenuation; Prevents external noise.
- Compliant with RoHS directives.

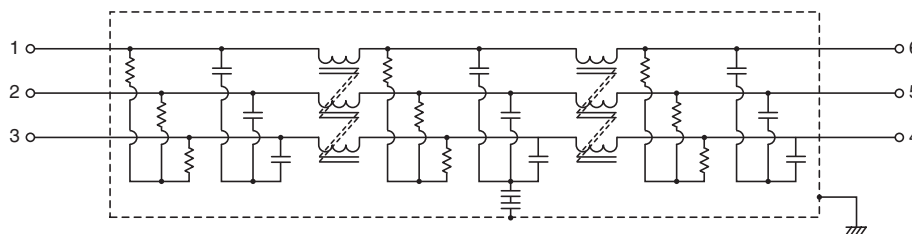
#### SAFETY STANDARDS

UL1283	File No. E62388
EN60939	Licence Ref. No. SE/07115-4

#### PRODUCT IDENTIFICATION



#### CIRCUIT DIAGRAM



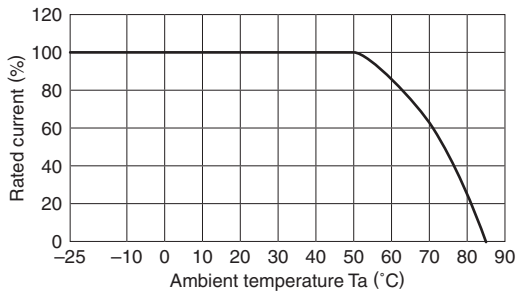
• Conformity to RoHS Directive: This means that, in conformity with EU Directive 2002/95/EC, lead, cadmium, mercury, hexavalent chromium, and specific bromine-based flame retardants, PBB and PBDE, have not been used, except for exempted applications.

• All specifications are subject to change without notice.

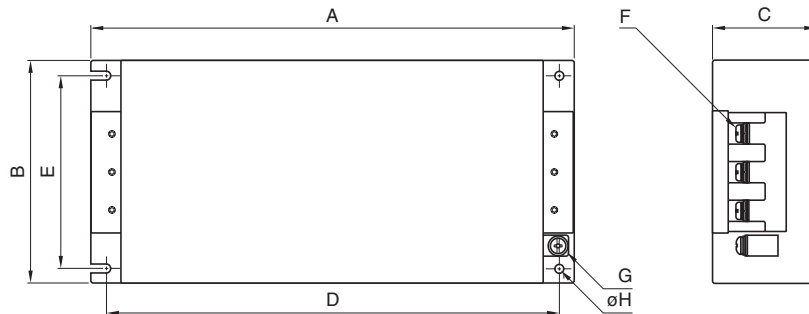
**ELECTRICAL CHARACTERISTICS**

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	
RTMN-5006	500V	6A	AC.2500V 60s [Between line to ground]	100MΩ min. [DC.500V/ 1min]	2.5mA max. [250V/60Hz]  5mA max. [500V/60Hz]	-25 to +85°C	50°C	290 max.	0.1 to 20	0.1 to 30	0.67
RTMN-5010		10A						120 max.	0.1 to 20	0.2 to 30	0.70
RTMN-5020		20A						50 max.	0.2 to 20	0.2 to 30	1.00
RTMN-5030		30A						26 max.	0.2 to 20	0.3 to 30	1.00
RTMN-5040		40A						20 max.	0.2 to 20	0.1 to 30	2.05
RTMN-5050		50A						14 max.	0.3 to 20	0.2 to 30	2.05
RTMN-5060		60A						10 max.	0.3 to 20	0.3 to 30	2.05

**DERATINGS**



**SHAPES AND DIMENSIONS**

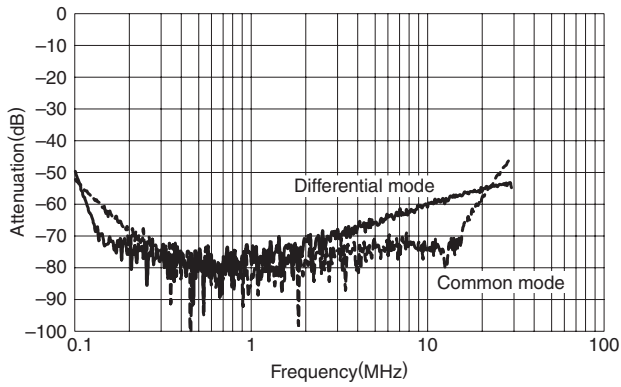


Dimensions in mm

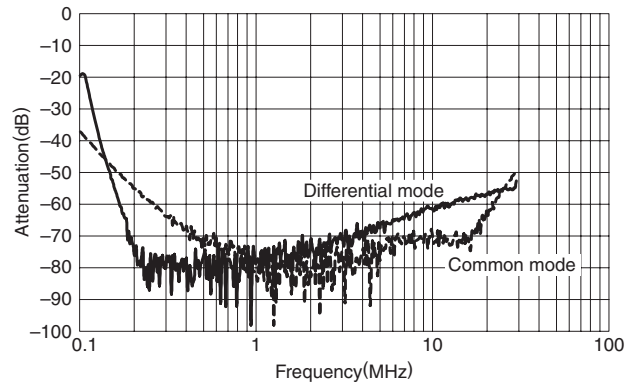
Part No.	A	B	C	D	E	F	G	φ H	Recommended clamping torque
RTMN-5006	210	95	50	195	78	M4	M4	4.5	M4 : 1.27N · m M5 : 2.5N · m
RTMN-5010									
RTMN-5020	240	105	55	225	85	M4	M4	4.5	
RTMN-5030									
RTMN-5040									
RTMN-5050	300	128	68	280	102	M5	M4	5.5	
RTMN-5060									

■ ATTENUATION vs. FREQUENCY CHARACTERISTICS

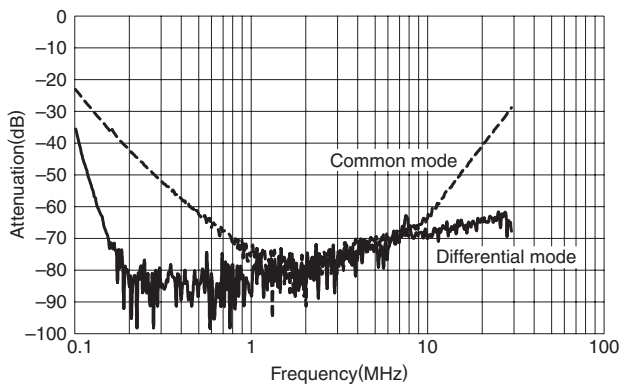
RTMN-5006



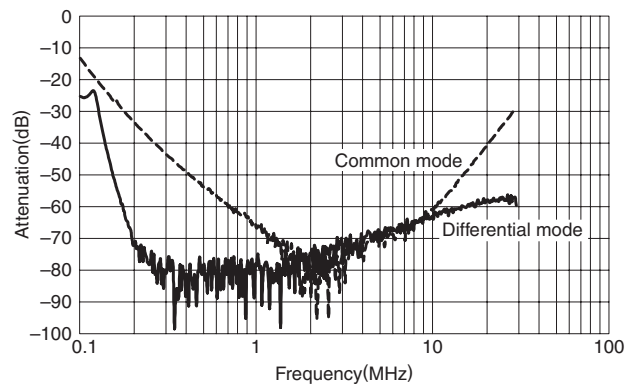
RTMN-5010



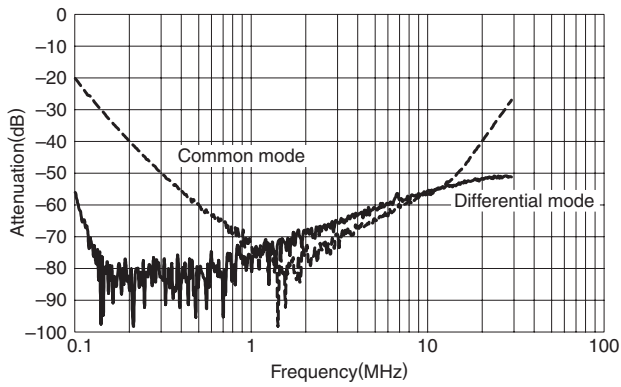
RTMN-5020



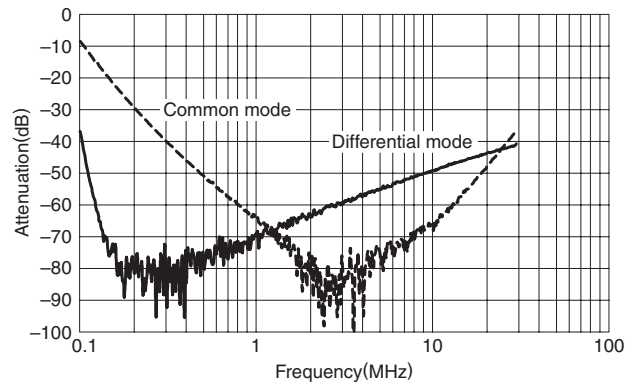
RTMN-5030



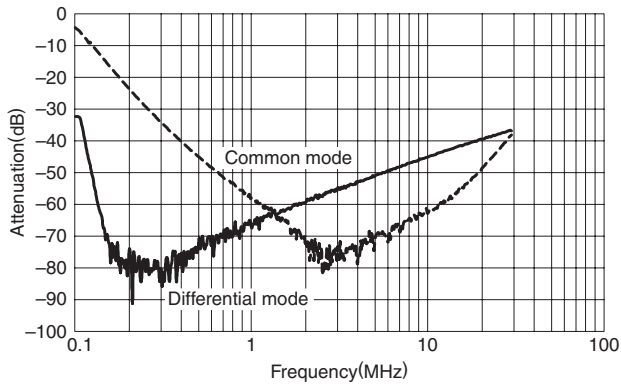
RTMN-5040



RTMN-5050

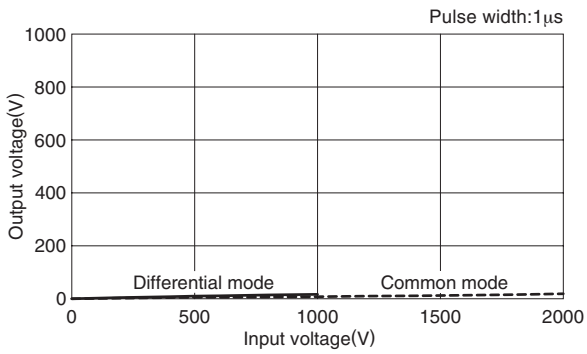


RTMN-5060

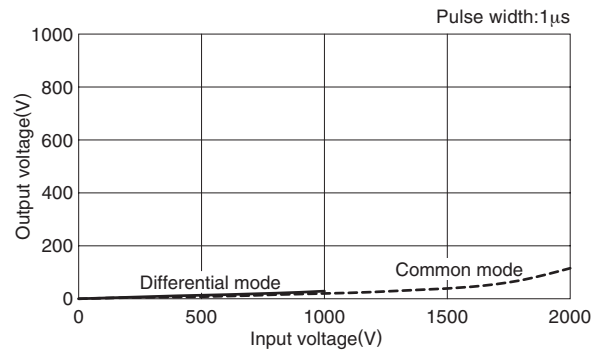


**PULSE ATTENUATION CHARACTERISTICS**

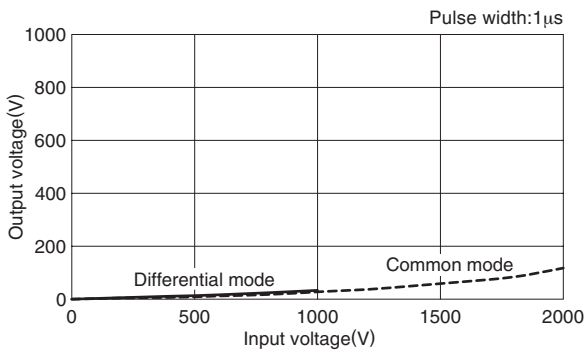
RTMN-5006



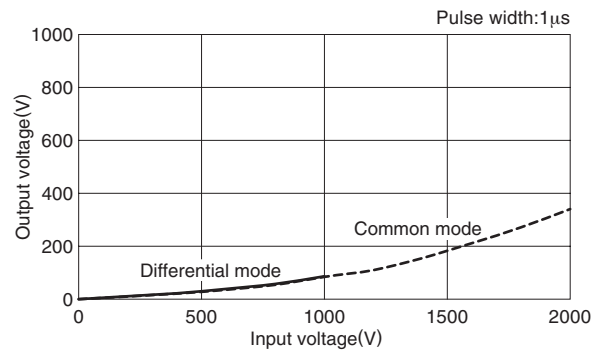
RTMN-5010



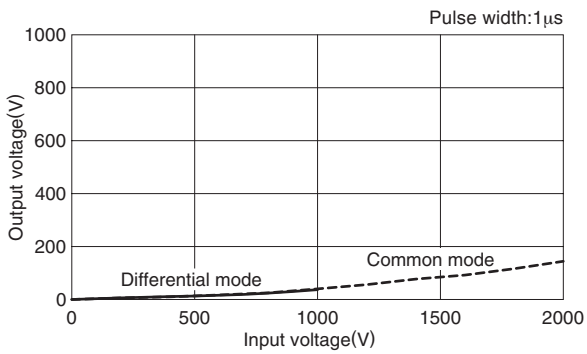
RTMN-5020



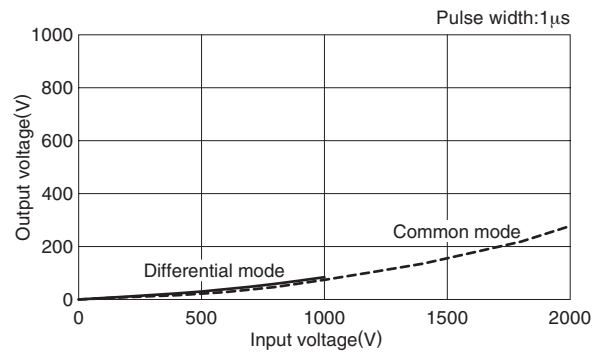
RTMN-5030



RTMN-5040



RTMN-5050



RTMN-5060

