

## EMC Components

### EMC Filters for AC Power Supply Cased (Mid-Size)

## ZAG-M Series

#### FEATURES

- The ZAG-M series employ a highly efficient thermal design, which ensures high current handling capacity in a compact package with superior EMC suppression characteristics.
- They are highly effective at preventing both the radiation and penetration of EMC noise. The parts are, therefore, highly immune to externally generated noise and do not, themselves, serve as sources of radiated noise.
- This product provides superior attenuation for both differential mode and common mode noise components.
- Withstand voltage is AC.1768V between the lines and AC.1500V between line and ground.
- These filters are highly reliable and provide stable attenuation performance even in harsh environments, where the filters may be subjected to humidity, vibration, and shock.

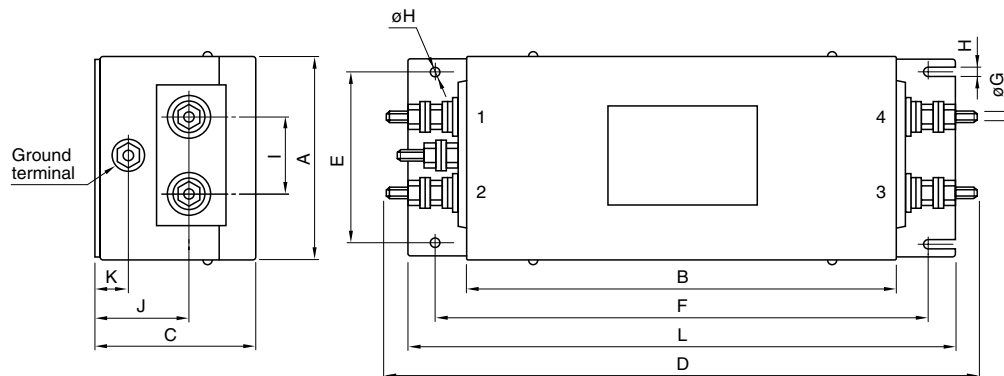
#### SAFETY STANDARD

Part No.	CSA
ZAG2250-M	LR76849C

#### APPLICATIONS

Computers, hard disk drives, electronic exchange devices, NC control devices, large copiers, etc.

#### SHAPES AND DIMENSIONS



Dimensions in mm

Part No.	A	B	C	D	E	F	øG	H	I	J	K	L
ZAG2250-M	87	175	65	237	68	195	M6	5.5	32	40	14.2	215

- Case: metal, terminal: stud

#### ELECTRICAL CHARACTERISTICS

Part No.	ZAG2250-M
Rated voltage Eac(V)	250
Rated current(A)	50
Test voltage Eac(V)[Between terminal and case]	1500
Insulation resistance(MΩ)[DC. 500V, 1min/between terminal and case]	100min.
Leakage current(mA)[250V • 60Hz]	1.2max.
DC resistance(mΩ)	3.6max.
Operating temperature range(°C)[Including self-temperature rise]	-10 to +85
With derating over(°C)	55
Temperature rise(°C)	35max.
Attenuation frequency range (MHz)[+5 to +35°C]	Differential mode at 30dB Common mode at 20dB
Weight(kg)	0.5 to 30 0.5 to 30 1.5



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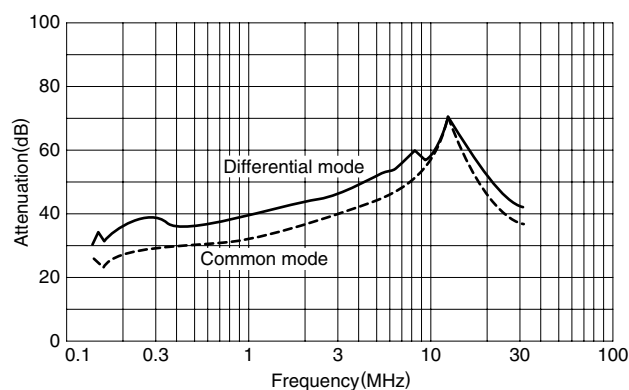
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#### TYPICAL ELECTRICAL CHARACTERISTICS

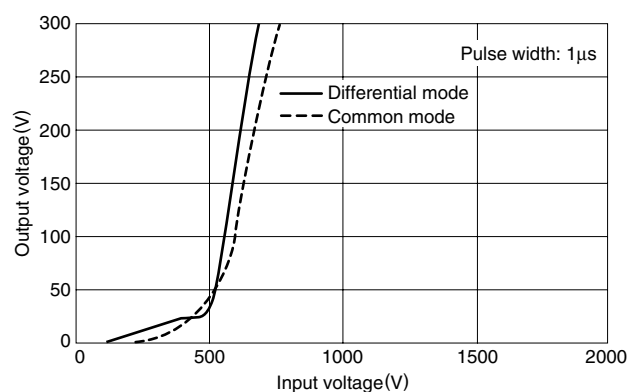
##### ATTENUATION vs. FREQUENCY CHARACTERISTICS

###### ZAG2250-M



##### PULSE ATTENUATION CHARACTERISTICS

###### ZAG2250-M



#### CIRCUIT DIAGRAM

