

EMC Components

ZAC-00U Series

EMC Filters for AC Power Supply Cased (Compact Size)

FEATURES

- The ZAC-00U series is a highly compact, large current EMC filter.
- They exhibit outstanding attenuation characteristics with respect to both differential mode and common mode noise components.
- Leakage current is maintained at less than 1mA.
- 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.

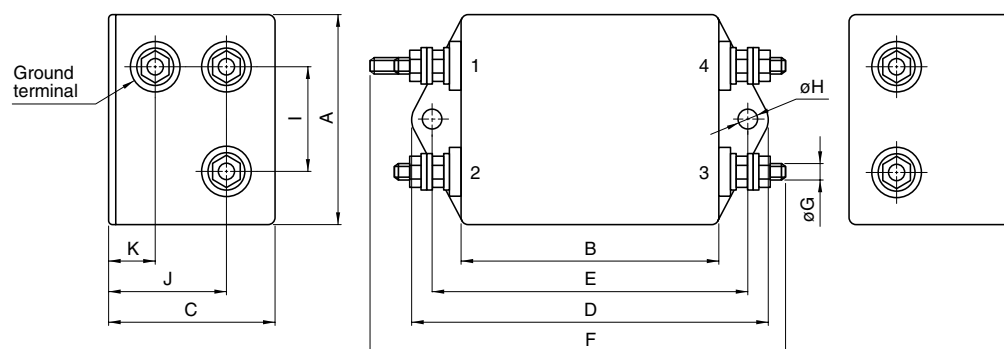
SAFETY STANDARDS

Part No.	UL	CSA	TÜV
ZAC2205-00U	E62388	LR76849C	R9750229
ZAC2210-00U	E62388	LR76849C	R9750229
ZAC2215-00U	E62388	LR76849C	R9750229
ZAC2220-00U	E62388	LR76849C	R9750229

APPLICATIONS

Computers and peripheral terminals, general control devices, office automation equipment, and other industrial devices.

SHAPES AND DIMENSIONS



Dimensions in mm

Part No.	A	B	C	D	E	F	øG	øH	I	J	K
ZAC2205-00U, 2210-00U, 2215-00U, 2220-00U	50.8	63.5	38	85	74.7	95	M4	4.8	25.4	25.3	9.3

- Case: metal, terminal: stud

ELECTRICAL CHARACTERISTICS

Part No.	ZAC2205-00U	ZAC2210-00U	ZAC2215-00U	ZAC2220-00U
Rated voltage Eac(V)	250	250	250	250
Rated current(A)	5	10	15	20
Test voltage Eac(V)[Between terminal and case]	1500	1500	1500	1500
Insulation resistance(MΩ)[DC. 500V, 1min/between terminal and case]	100min.	100min.	100min.	100min.
Leakage current(mA)[250V • 60Hz]	1max.	1max.	1max.	1max.
DC resistance(mΩ)	300max.	40max.	40max.	10max.
Operating temperature range(°C)[Including self-temperature rise]	-10 to +85	-10 to +85	-10 to +85	-10 to +85
With derating over(°C)	55	55	55	55
Temperature rise(°C)	30max.	30max.	30max.	30max.
Attenuation frequency range (MHz)[+5 to +35°C]	Differential mode at 40dB Common mode at 40dB	0.5 to 30 0.5 to 30	1.5 to 30 1.5 to 30	1.5 to 30 5 to 30
Weight(g)	240	250	260	260



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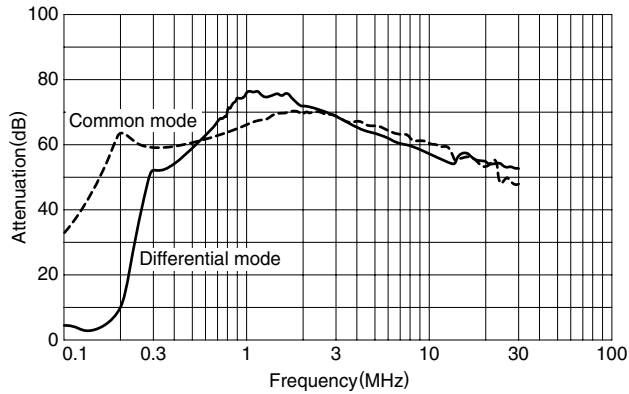
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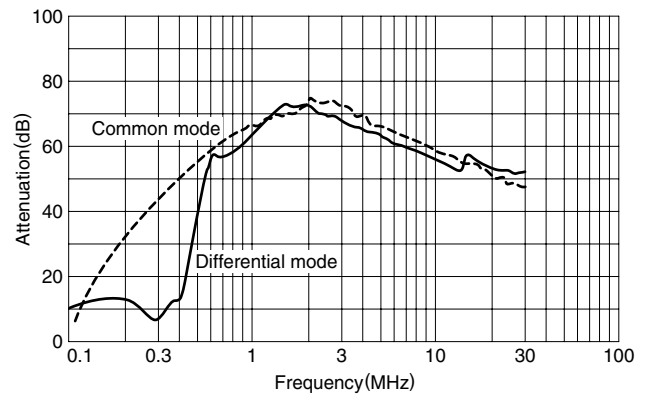
TYPICAL ELECTRICAL CHARACTERISTICS

ATTENUATION vs. FREQUENCY CHARACTERISTICS

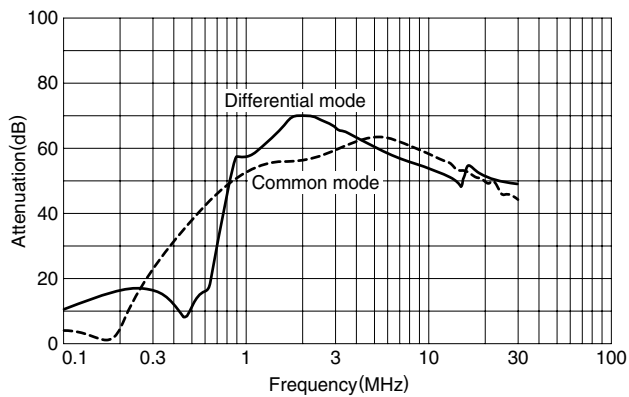
ZAC2205-00U



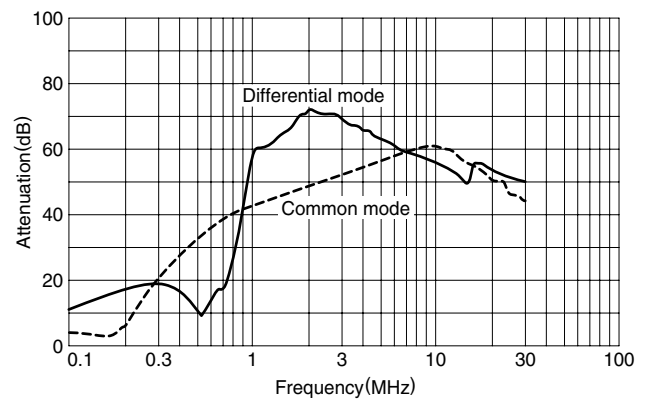
ZAC2210-00U



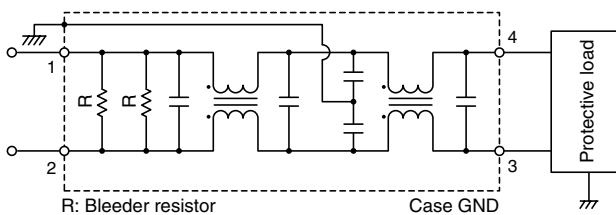
ZAC2215-00U



ZAC2220-00U



CIRCUIT DIAGRAM



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EMC Filters for AC Power Supply

Cased (Compact Size)

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INFORMATION

Please note that products and some specifications have changed as indicated below.

