

## YA SERIES (IEC Inlet Filters)



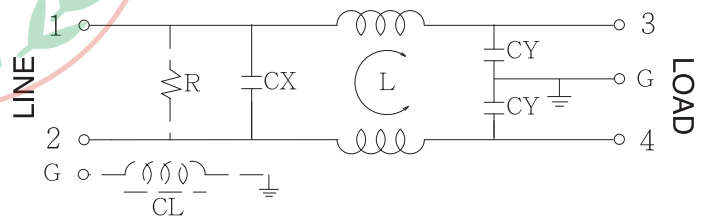
### Features

- The YA series filter integrates an IEC inlet and filter with excellent noise suppression performance and compact size.
- The rated current can be offered up to 10 amps.
- Various output selections such as fast-on terminal, solder lug terminal, PCB terminal, and lead wire.
- Low leakage current version upon requested.
- Custom-specific versions are available on request.
- Application for Electrical and electronic equipment, Single-phase power supplies, UPS, Medical equipment, Test and measurement equipment.

### Technical Specification

Rated voltage	125/250VAC
Rated currents	1 to 10A
Operating frequency	50/60Hz
Hipot rating(Line-to-line)	1450VDC
Hipot rating(Line-to-ground)	2250VDC
Operating temperature	-25~+85°C
Safety compliance	UL, CSA, VDE, CQC, CE

### Typical electrical schematic



\*With optional ground choke and resistor.  
 R: 1M ohm  
 CL: 100  $\mu$  H

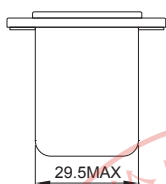
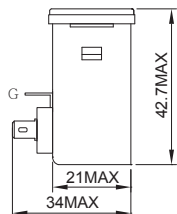
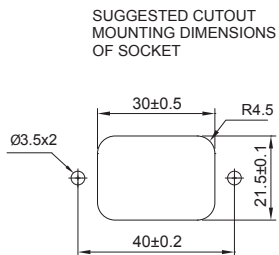
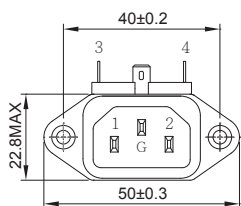
### Filter Selection Table

Part No.	Rated Current A	Inductance L(mH)	Capacitance CX( $\mu$ F)	Capacitance CY(pF)	Output connections
YA01T1	1				Fast-on terminal (optional lead-wire)
YA03T1	3				
YA06T1	6				
YA10T1	10				
YA01T3	1				Solder lug terminal
YA03T3	3				
YA06T3	6				
YA10T3	10				
YA01P	1				PCB terminal
YA03P	3				
YA06P	6				
YA10P	10				

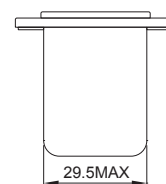
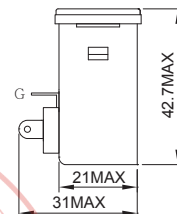
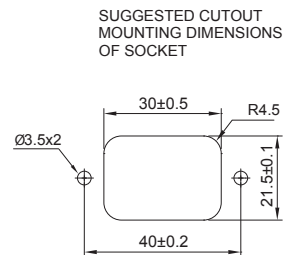
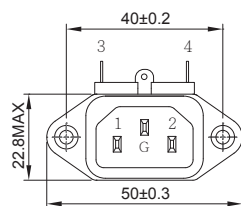
\*Please contact us for other parts or spec.

## Physical Dimensions: (mm)

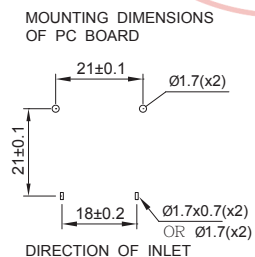
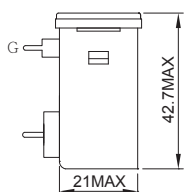
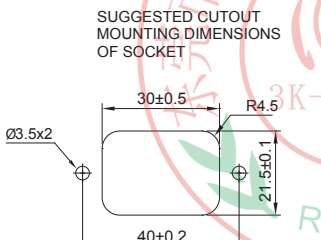
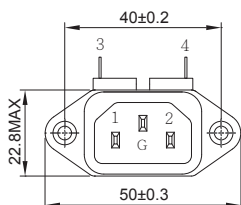
YA-T1



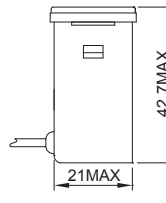
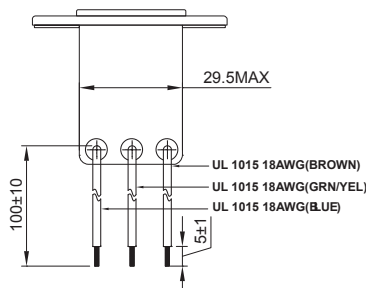
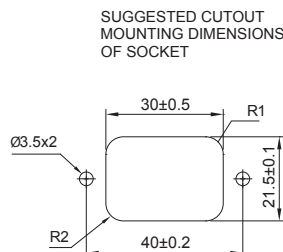
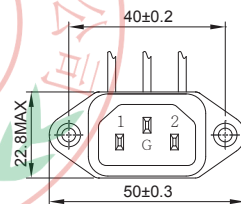
YA-T3



YA-P



YA-T (Lead-wire)



## Typical filter attenuation (Common mode — Normal mode —)

