

YG-T5, T13 SERIES (Plastic Case Single Phase Filters)



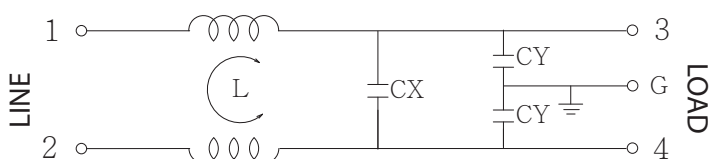
Features

- General purpose filter with plastic case.
- Flammability corresponding to UL 94 V-0.
- Its rated current can be offered from 0.5 to 10 amps.
- T5 series are approved by UL and CSA; T13 series are approved by UL.
- Easy installation and compact for space saving, the reliable plastic cover at low cost.
- Applications comprising Small to medium-sized machines and household equipment, Medical equipment, datacom equipment, Test and measurement equipment.
- Custom-specific versions are available on request.

Technical Specification

Rated voltage	125/250VAC
Rated currents	0.5 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	T5(UL,CSA,CE) T13(UL,CE)

Typical electrical schematic

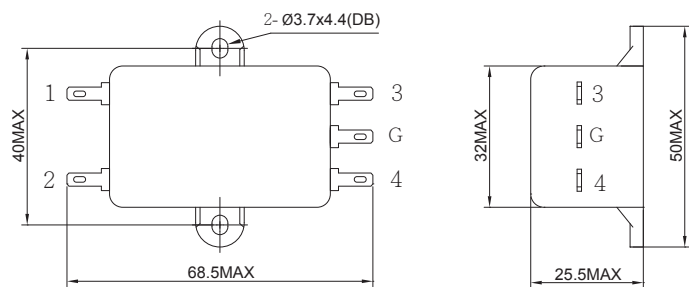


Filter Selection Table

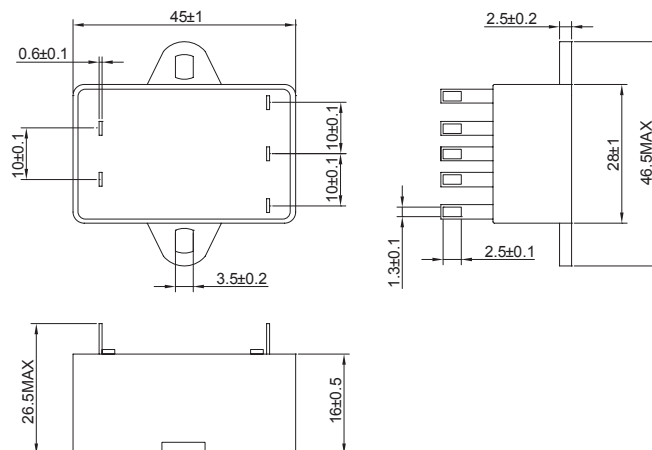
Part No.	Rated Current (A)	Inductance L(mH)	Capacitance CX(μF)	Capacitance CY(pF)	Output connections
YG01T5	1				3mm terminal
YG03T5	3				
YG06T5	6				
YG10T5	10				
YG0R5T13	0.5				PCB terminal
YG1R5T13	1.5				
YG2R5T13	2.5				
YG6R5T13	6.5				
YG10T13	10				

Physical Dimensions: (mm)

YG-T5

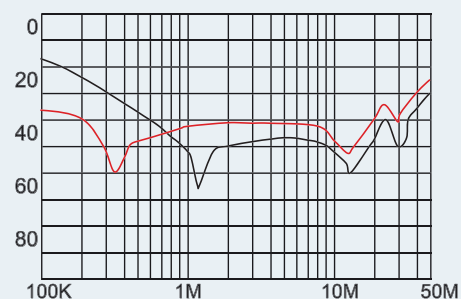


YG-T13

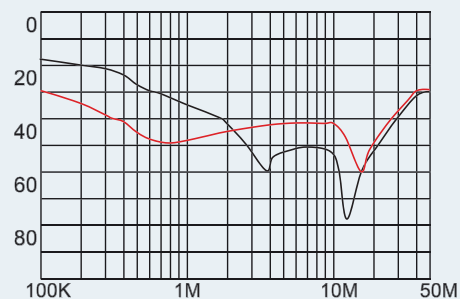


Typical filter attenuation (Common mode — Normal mode —)

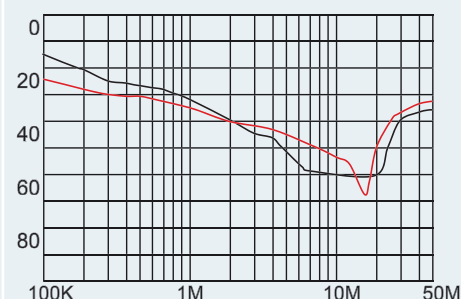
YG01



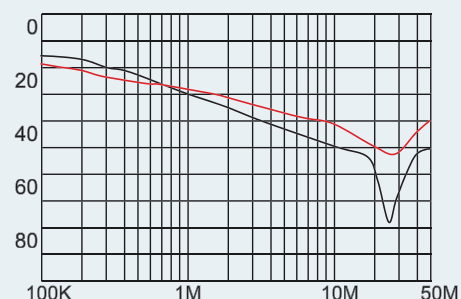
YG03



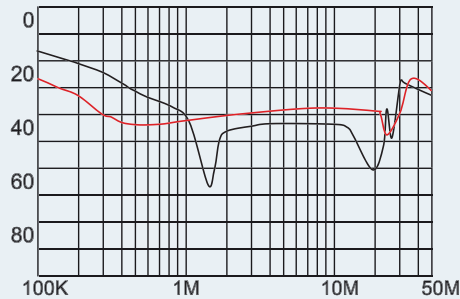
YG06



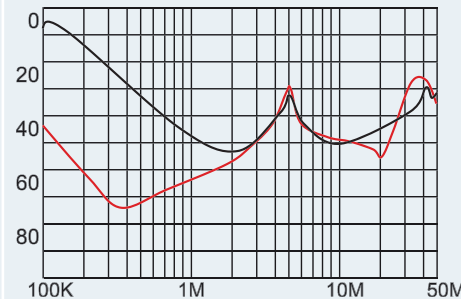
YG10



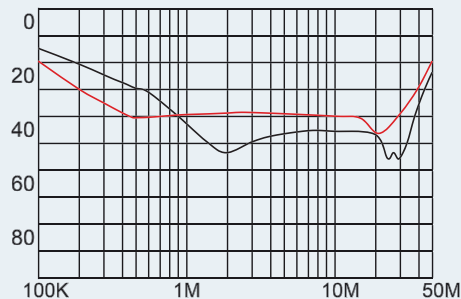
YG0R5



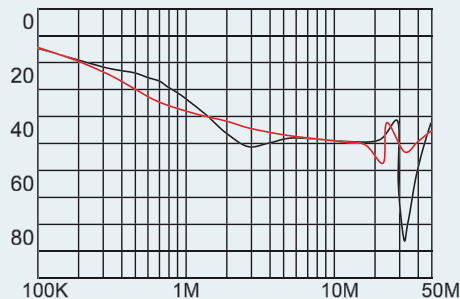
YG1R5



YG02



YG06



YG10

