

# YMA SERIES (IEC Inlet Filters)



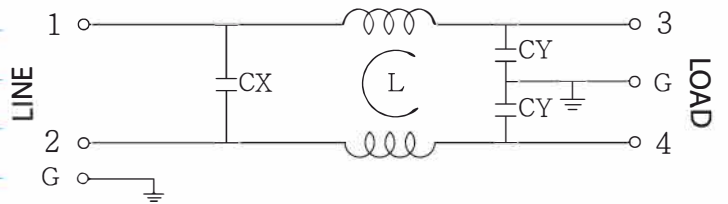
## Features

- General purpose filters with IEC connector providing effective EMI suppression of line to line and line to ground noise.
- Offer in screw-in & snap-in two versions with fast-on terminal.
- All parts are approved by UL, CSA and CE
- Applications comprising Electrical and electronic equipment, Rack mounting equipment, Single-phase power supplies
- Custom-specific versions are available on request

## Technical Specification

Rated voltage	125/250VAC
Rated currents	up to 20A
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, CE

## Typical electrical schematic

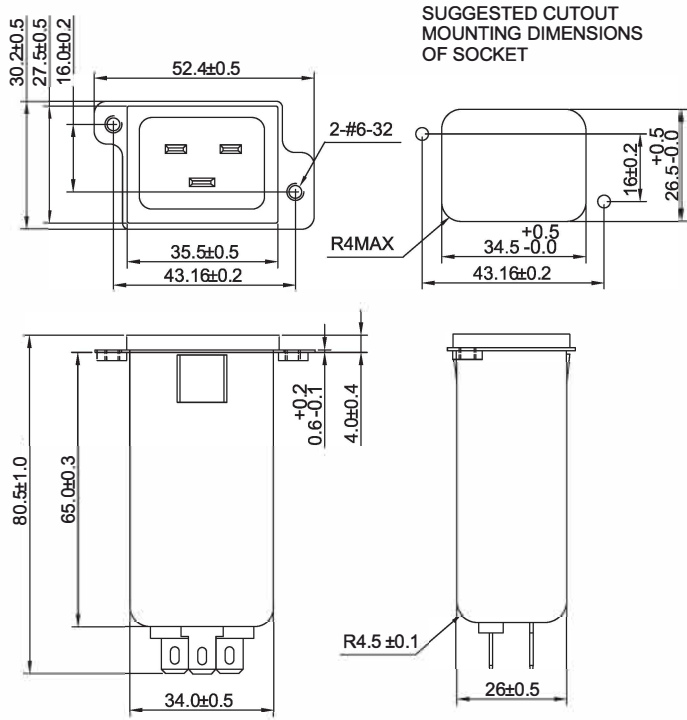


## Filter Selection Table

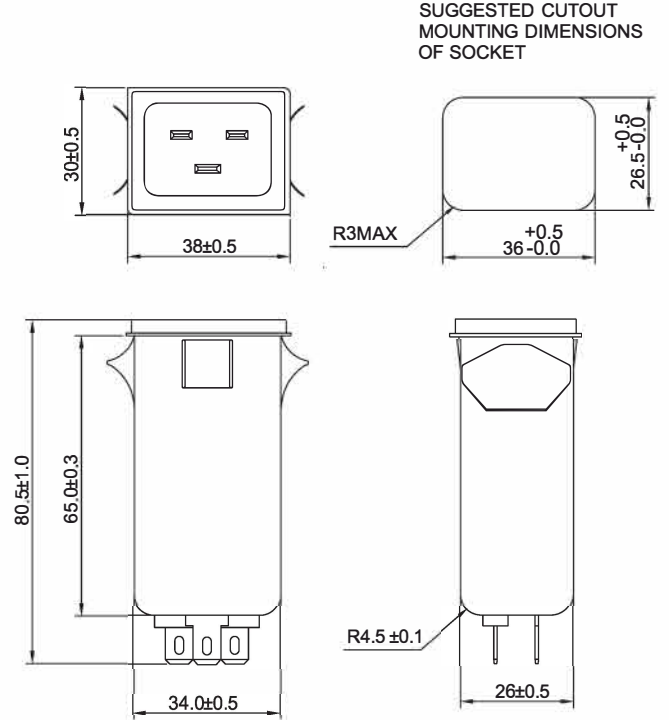
Part No.	Rated Current (A)	Inductance L(mH)	Capacitance CX( $\mu$ F)	Capacitance CY(pF)	Output connections
YMA15A1	15	1	0.1	2200	Fast-on terminal
YMA20A1-MA	20	0.3	0.1	2200	
YMA20A1-MO	20	0.3	0.1	2200	

# Physical Dimensions: (mm)

## YMA-MA

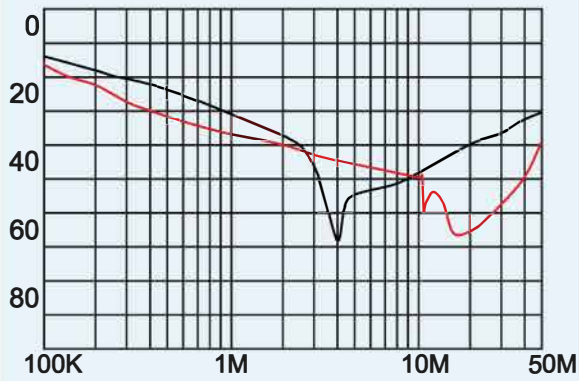


## YMA-MO



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

YMA15



YMA20

