YL SERIES (Power Entry Module Filters)







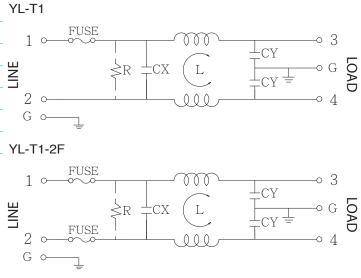
Features

- · General purpose filter with fuse holder providing effective EMI suppression of both line-to-line and line-to-ground noise
- The rated current can be offered up to 10 amps and available with single or double fuse holder(Ø 5 x 20 mm)
- · Various output selections such as fast-on terminal, and lead wire.
- · Low leakage current version upon requested.
- · Approved by UL, CSA, VDE, CQC and CE.
- · Applications comprising Electrical and electronic equipment, Household equipment, Medical equipment, Testing and Measuring equipment.
- \cdot Custom-specific versions are available on request.

Technical Specification

Rated voltage	125/250VAC	Y
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	Y
*except double fuse type		

Typical electrical schematic



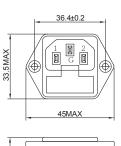
*With optional resister. R: 1M ohm,1/4W min.

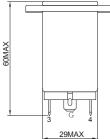
Filter Selection Table

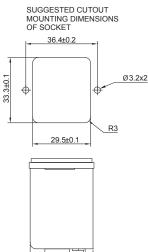
Part No.	Rated Current (A)	Inductance L(mH)	Capacitance CX(µ F)	Capacitance CY(pF)	Output connections	
YL01T1	1	3.7	0.1	3300		
YL03T1	3	1.8	0.1	3300	6.3mm(0.8T) Fast-on terminal (optional lead-wire)	
YL06T1	6	0.7	0.1	3300		
YL10T1	10	0.3	0.1	3300		
YL01T1-2F	1	3.7	0.1	3300		
YL03T1-2F	3	1.8	0.1	3300		
YL06T1-2F	6	0.7	0.1	3300		
YL10T1-2F	10	0.3	0.1	3300		

Physical Dimensions: (mm)

YL-T1







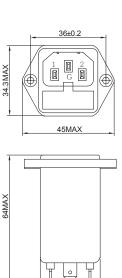
0

32.8MAX

Ø3.2x2

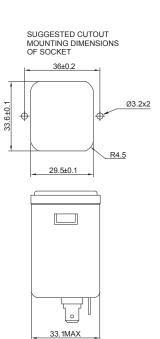
R3

46.5MAX

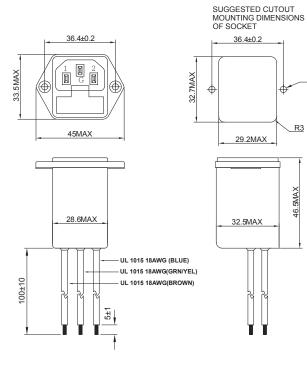


29MAX

YL-T1-2F



YL (Lead-wire)



Typical filter attenuation (Common mode — Normal mode —)

