

RP190

Compact Single Stage PCB Power Line Filters

SINGLE PHASE FILTERS



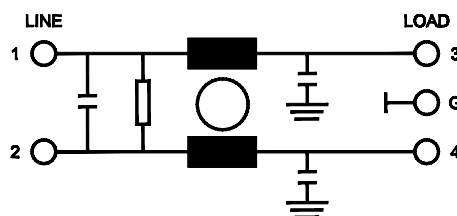
1 A to 10 A Chassis Mount Filter

Specifications

Operating Frequency	DC - 60 Hz
Max. Operating Voltage	250 V +10%
Ambient Temperature	40°C
Inrush Rating	20 x (10ms), 1.5 x (MIN)
Climatic Category	25/100/21
Hipot Rating (L-G)	2500 VDC (P/N-E)
Terminals (-T)	17.5 x 15 mm
Safety Approvals	cURus, EN60393



Electrical Schematic



Part Number/Ordering

RP190	-X (Amps)	-Y (Ycap, nF)
	1	0
	3	0.22
	6	0.47
	10	1
		2.2
		3.3
		4.7

Note: Use any combination of -Y with any -X (Amps) rating
e.g. RP190-1-1 (1 Amps with 1 nF Ycap)

Leakage Current

Y-cap, nF	mA, 120 V/60 Hz	mA, 250 V/60 Hz
0	0.0	0.0
0.22	0.02	0.04
0.47	0.04	0.08
1	0.09	0.15
2.2	0.2	0.4
3.3	0.3	0.6
4.7	0.4	0.8

Specifications are subject to change. Consult factory to verify specifications.

For more information on our filter products call us at: (800) 527-4362 or (714) 289-0055
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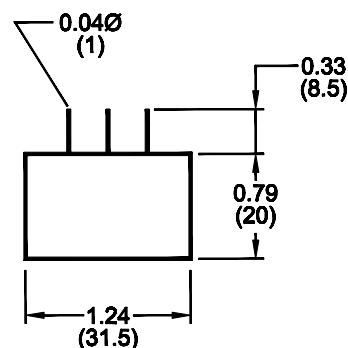
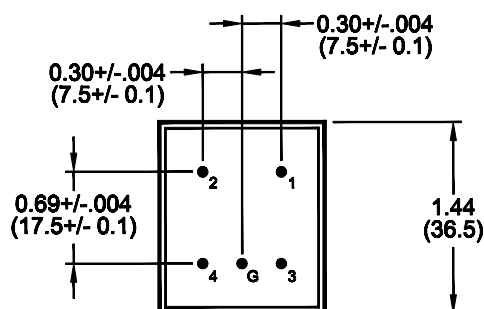
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Typical Insertion Loss, dB (50/50 Ohm)

Freq (MHz)	0.15	0.5	1.0	10	30
1 Amp					
CM(dB)	46	55	55	55	40
DM(dB)	10	24	50	50	44
3 Amp					
CM(dB)	30	40	55	55	44
DM(dB)	10	20	30	50	44
6 Amp					
CM(dB)	22	35	45	55	46
DM(dB)	10	20	26	50	44
10 Amp					
CM(dB)	10	20	26	50	42
DM(dB)	10	18	22	42	42

Mechanical Dimensions

TYPICAL TOLERANCE: +/-0.02" (0.50 mm)



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