

## RP188 Series

## IEC Inlet Single Stage Power Line Filter

### RP188 IEC INLET TO 10A DUAL FUSE/ SWITCH

ROHS COMPLIANT



### SPECIFICATIONS

Operating Freq.	: 50/60Hz
Max. Operating Voltage	: 250V +10%
Ambient Temperature	: -25 to 40C
Climatic Category	: 25/100/21
Hipot Rating (L-G)	: 2121VDC
Plastic Mtg Force	: 18 LBS
Terminals (-T)	: QD: 0.187 Tabs
Safety Approvals	: cURus, EN60939
Typ. Weight, LBS (KG)	: 0.2 (0.1)

### LEAKAGE CURRENT

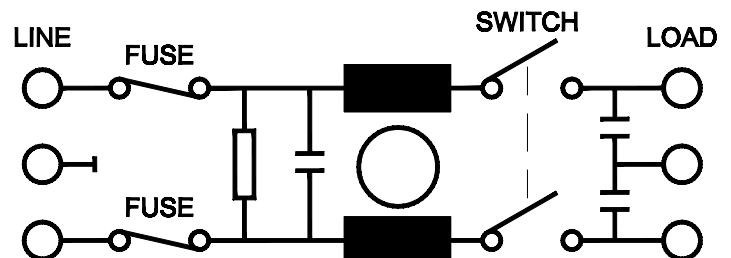
Y-cap, nF	mA, 120V/60Hz	mA, 250V/60Hz
0	0	0
.47	0.04	0.08
1	0.09	0.18
2.2	0.2	0.4
4.7	0.4	0.8

### PART NUMBER/ ORDERING

RP188	-X (Amps)	-Y (Ycap, nF)	-T
	3	0	QD
	6	.47	
	10	1	
		2.2	
		4.7	

**Note:** Use any combination of -Y with any -X (Amps) rating  
e.g. RP188-3-4.7-QD (3Amps with 4.7nF Ycap)

### SCHEMATIC



## RP188

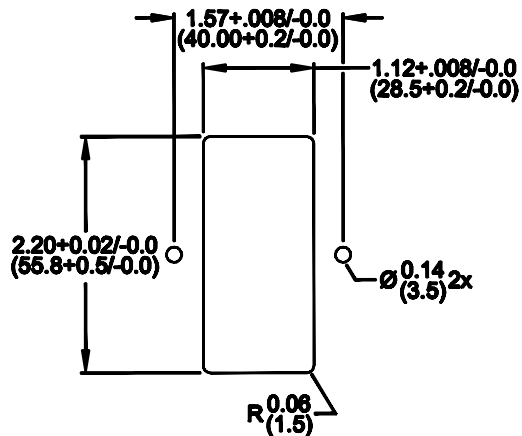
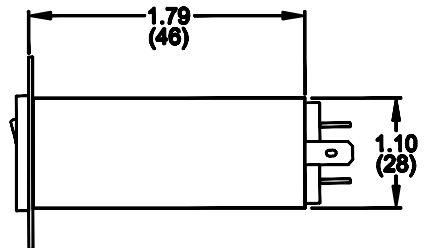
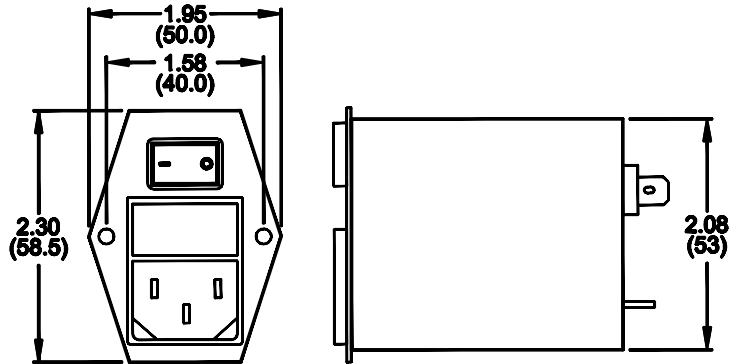
Typical Insertion Loss, dB (50/50ohm)

Mechanical Dimensions

3 Amp					
FREQ (MHz)	.15	.5	1.0	10	30
CM(dB)	28	38	50	50	50
DM(dB)	18	28	38	60	60

6 Amp					
FREQ (MHz)	.15	.5	1.0	10	30
CM(dB)	24	38	50	50	50
DM(dB)	18	28	36	55	55

10 Amp					
FREQ (MHz)	.15	.5	1.0	10	30
CM(dB)	10	22	30	55	45
DM(dB)	18	28	36	50	50



TYPICAL TOLERANCE: +/-0.02 (0.50)

Reference purposes only.  
Specifications are subject to change.  
Consult factory to verify specifications.