



RP170 Series

Snap-In IEC Inlet Single Stage Power Line Filter

RP170 IEC INLET TO 10A SNAP-ON

ROHS COMPLIANT



SPECIFICATIONS

Operating Freq.	: 50/60Hz
Max. Operating Voltage	: 250V +10%
Ambient Temperature	: -25 to 40C
Climatic Category	: 25/85/21
Hipot Rating (L-G)	: 2121VDC
Terminals (-T)	: QD: 0.25 Tabs
Special Features	: Side Snap Tabs
Safety Approvals	: UR, CSA, EN60939
Typ. Weight, LBS (KG)	: 0.2 (0.1)

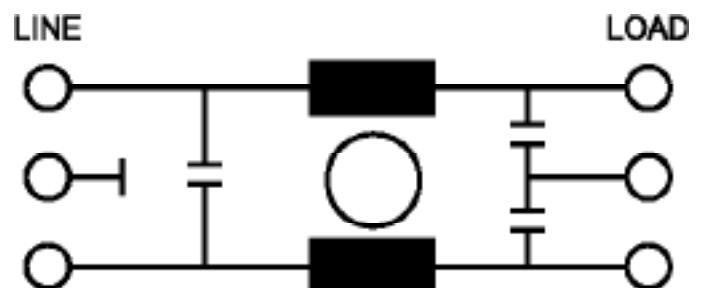
LEAKAGE CURRENT

120V/60Hz	0.3mA
250V/60Hz	0.62mA

PART NUMBER/ ORDERING

RP170	-X (Amps)	-T
	1	QD
	3	
	6	
	10	

SCHEMATIC





RP170

Typical Insertion Loss, dB (50/50ohm)

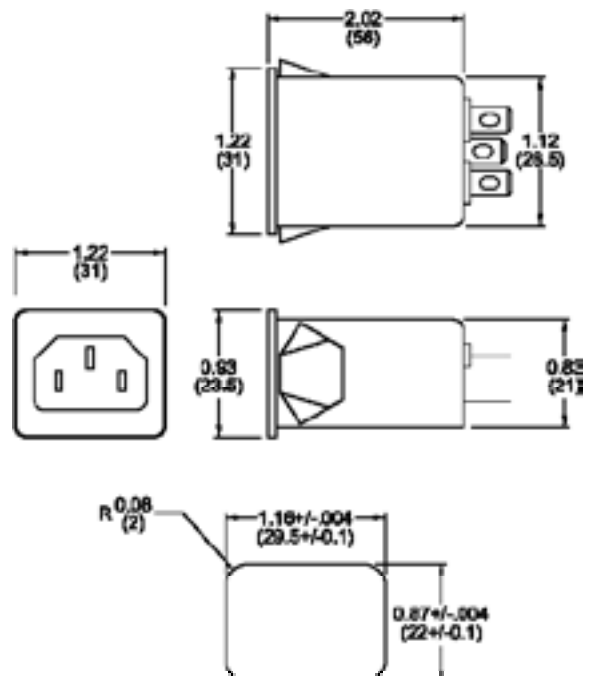
Mechanical Dimensions

1 Amp					
FREQ (MHz)	.15	.5	1.0	10	30
CM(dB)	40	50	52	52	40
DM(dB)	22	32	52	58	42

3 Amp					
FREQ (MHz)	.15	.5	1.0	10	30
CM(dB)	38	48	48	50	26
DM(dB)	20	32	48	58	28

6 Amp					
FREQ (MHz)	.15	.5	1.0	10	30
CM(dB)	28	34	38	58	32
DM(dB)	20	30	36	55	38

10 Amp					
FREQ (MHz)	.15	.5	1.0	10	30
CM(dB)	20	30	34	52	38
DM(dB)	18	28	32	50	40



Recommended Panel Thickness
0.03-0.04 (0.8-1.0)
TYPICAL TOLERANCE: +/-0.02 (0.50)