



RADIUS POWER

Your Power Partner

RP100 Series - Medical Grade

Compact Single Stage Power Line Filter

**RP100
MEDICAL GRADE TO 10A
CHASSIS MOUNT FILTER**

ROHS COMPLIANT



SPECIFICATIONS

Operating Freq.	: 50/60Hz
Usable Freq.	: DC - 400Hz
Max. Operating Voltage	: 250V +10%
Ambient Temperature	: -25 to 40C
Climatic Category	: 25/100/21
Hipot Rating (L-G)	: 2700VDC
Terminals (-T)	: QD: 0.25 Tabs
Safety Approvals	: cURus, EN60939
Typ. Weight, LBS (KG)	0.3 (0.1)

LEAKAGE CURRENT

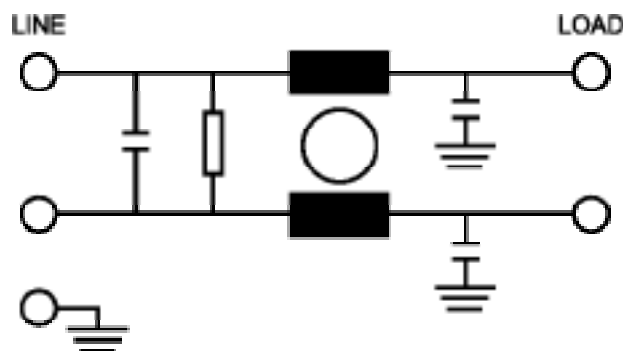
Y-cap, nF	mA, 120V/60Hz	mA, 250V/60Hz
0	0	0
.22	0.02	0.04
.47	0.04	0.08
1	0.09	0.18

PART NUMBER/ ORDERING

RP100	-X Amps	-Y (Ycap, nF)	-T
	3	0	QD
	6	.22	
	10	.47	
		1	

Note: Use any combination of -Y with any -X (Amps) rating
e.g. RP100-6-1-QD (6 Amps with 1 nF Ycap)

SCHEMATIC



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

RP100

Typical Insertion Loss, dB (50/50ohm)

Mechanical Dimensions

3 Amp

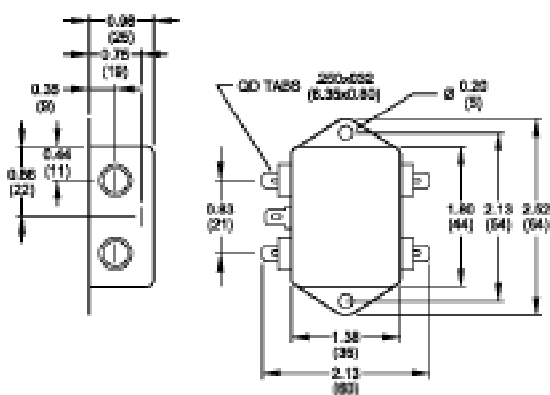
FREQ (MHz)	.15	.5	1.0	10	30
CM(dB)	26	30	45	42	34
DM(dB)	15	24	34	60	60

6 Amp

FREQ (MHz)	.15	.5	1.0	10	30
CM(dB)	18	28	45	45	36
DM(dB)	15	22	28	60	70

10 Amp

FREQ (MHz)	.15	.5	1.0	10	30
CM(dB)	9	20	34	56	50
DM(dB)	15	22	28	56	60



TYPICAL TOLERANCE: +/-0.02 (0.50)

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