

RP220 Series

High Performance Dual Stage Power Line Filter

RP220 DUAL STAGE TO 20A 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)	: 0.8 (0.4)

LEAKAGE CURRENT

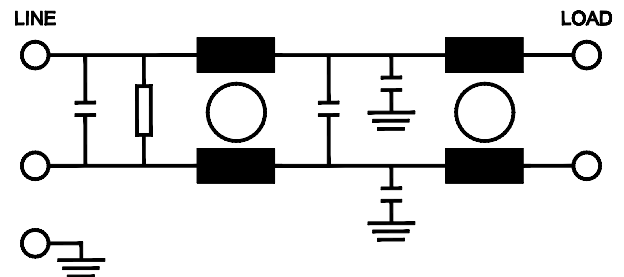
Y-cap, nF	mA, 120V/60Hz	mA, 250V/60Hz
0	0	0
.47	0.04	0.08
1	0.09	0.18
2.2	0.2	0.4
4.7	0.4	0.8
10	0.9	1.8

PART NUMBER/ ORDERING

RP220	-X (Amps)	-Y (Ycap, nF)	-T
	6	0	QD
	10	.47	
	12	1	
	16	2.2	
	20	4.7	
		10	

Note: Use any combination of -Y with any -X (Amps) rating
e.g. RP220-10-10-QD (10Amps with 10nF Ycap)

SCHEMATIC



RP220

Typical Insertion Loss, dB (50/50ohm)

Mechanical Dimensions

6 Amp

FREQ (MHz)	.15	.5	1.0	10	30
CM(dB)	60	70	70	52	50
DM(dB)	50	60	68	60	60

10 Amp

FREQ (MHz)	.15	.5	1.0	10	30
CM(dB)	55	70	70	50	50
DM(dB)	45	60	60	70	65

12 Amp

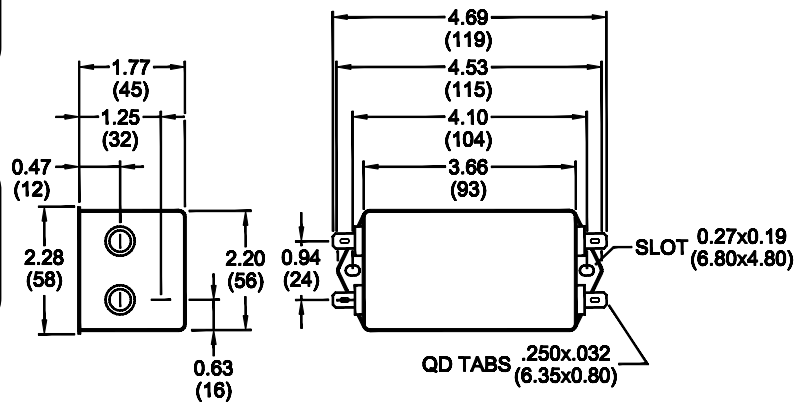
FREQ (MHz)	.15	.5	1.0	10	30
CM(dB)	56	70	70	50	50
DM(dB)	45	60	68	60	60

16 Amp

FREQ (MHz)	.15	.5	1.0	10	30
CM(dB)	42	65	70	55	50
DM(dB)	36	60	65	65	60

20 Amp

FREQ (MHz)	.15	.5	1.0	10	30
CM(dB)	40	65	70	52	40
DM(dB)	34	58	60	65	60



TYPICAL TOLERANCE: +/-0.02 (0.50)