



RADIUS POWER

Your Power Partner

RP135 Series - Medical Grade

High Performance Single Stage Power Line Filter

**RP135
MEDICAL GRADE TO 200A
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 Tab (1-20A) S: 30A (M4) 60-100A (M6) 150-200A (M10)
Safety Approvals	: CSA, UR, EN60939

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

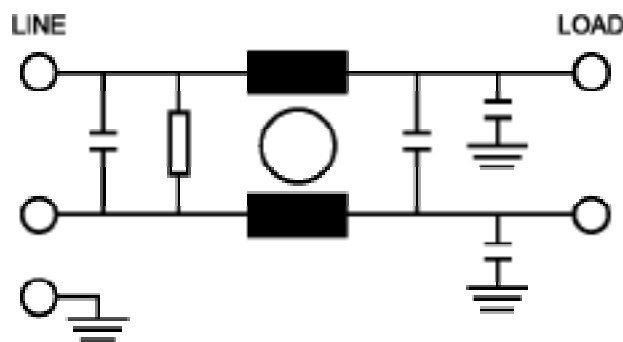
PART NUMBER/ ORDERING

RP135	-X (Amps)	-Y (Ycap, nF)	-T	Weight LBS (KG) Typ.
	1	0	QD	0.1 (0.04)
	3	.22		0.1 (0.04)
	6	.47		0.1 (0.04)
	10	1		0.1 (0.04)
	16			0.5 (0.2)
	20		S	0.5 (0.2)
	30			0.5 (0.2)
	60			2.8 (1.3)
	100			6.0 (2.7)
	150			6.0 (2.7)
	180			6.0 (2.7)
	200			6.0 (2.7)

Note: Use any combination of -Y with any -X (Amps) rating
e.g. RP135-100-1-S (100 Amps with 1nF Ycap)

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

SCHEMATIC



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www.astrodyne.com

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RP135

Typical Insertion Loss, dB (50/50ohm)

Mechanical Dimensions

1 Amp					
FREQ (MHz)	.15	.5	1.0	10	30
CM(dB)	40	50	50	45	40
DM(dB)	15	26	45	50	50

3 Amp					
FREQ (MHz)	.15	.5	1.0	10	30
CM(dB)	30	42	50	55	35
DM(dB)	18	30	40	55	50

6 Amp					
FREQ (MHz)	.15	.5	1.0	10	30
CM(dB)	20	30	36	55	40
DM(dB)	15	26	32	55	40

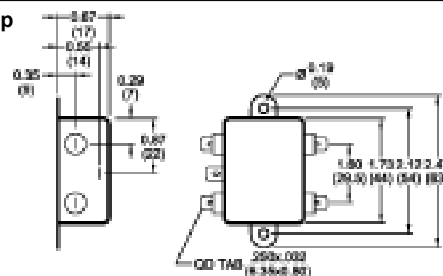
10/16 Amp					
FREQ (MHz)	.15	.5	1.0	10	30
CM(dB)	18	25	40	55	45
DM(dB)	15	25	40	65	50

20 Amp					
FREQ (MHz)	.15	.5	1.0	10	30
CM(dB)	24	38	45	50	50
DM(dB)	42	60	65	60	50

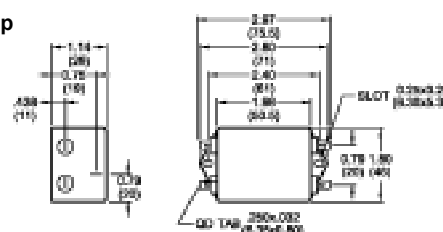
30/60 Amp					
FREQ (MHz)	.15	.5	1.0	10	30
CM(dB)	20	30	40	45	50
DM(dB)	38	70	70	55	60

100/150/180/200 Amp					
FREQ (MHz)	.15	.5	1.0	10	30
CM(dB)	20	30	40	45	50
DM(dB)	40	60	65	70	65

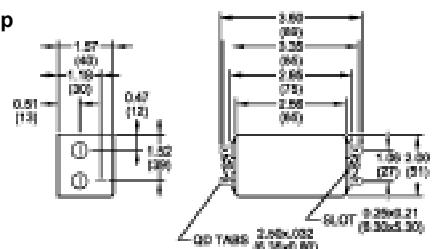
1/3/6/10 Amp



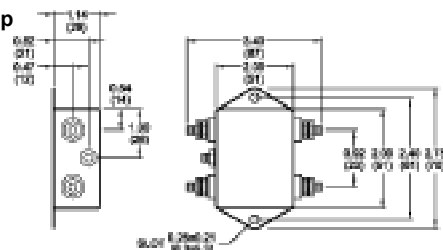
16 Amp



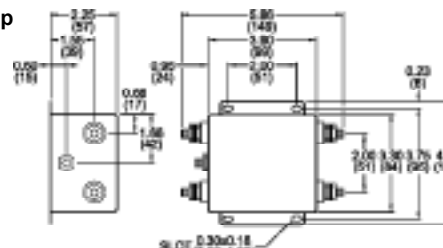
20 Amp



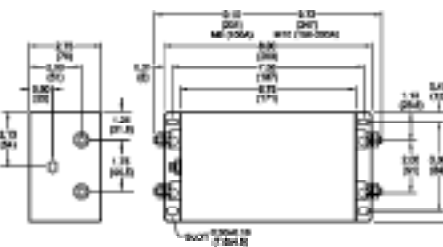
30 Amp



60 Amp



100/150/180/
200 Amp



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TYPICAL TOLERANCE: +/-0.02 (0.50)