

RPT186

HIGH PERFORMANCE 10 20A IEC INLET FILTER

IEC INLET EMI FILTERS

Specifications:

Operating Frequency	50/60Hz
Usable Freq.	DC - 400Hz
Max. Operating Voltage	250V + 10%
Ambient Temperature	-25 to 60C UL/ 40C IEC
Climatic Category	25/100/21
Hipot Rating (L-G)	2121 VDC
Safety Approvals	cURus, EN60939



Part Number/Ordering:

-X (Amps)	-Y (Y cap, nF)	-T
1	0*	QD
3	.47	QD
6	1	QD
10	2.2	QD
12	4.7	QD
15	10	QD
16	22	QD
20	47	QD

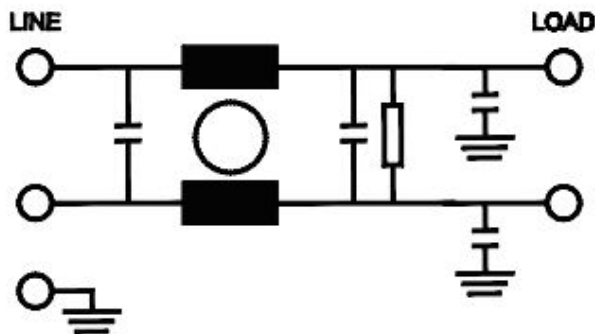
Note: Use any combination of -Y with any -X (Amps) rating e.g. RP186-22-QD (16 Amps with 22nF Ycap).

*RP186-16-0-QD (16 Amps with 0 Ycap) For Medical Application with leakage current requirement of <20.0uA.

Leakage Current:

Y- Cap, nF	YmA, 120V/60Hz	YmA, 120V/60Hz
.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
22	2	4
47	4	8

Schematic:



Reference purposes only.
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For more information on our filter products call us at: +1.908.850.5088 or Toll Free at +1.866.641.3310

LCR, Radius Power, and Filter Concepts are now part of Astrodyne TDI

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1 Amp

FREQ (MHz)	.15	.5	1.0	10	30
CM (dB)	46	35	30	30	45
DM (dB)	60	80	80	50	35

3 Amp

FREQ (MHz)	.15	.5	1.0	10	30
CM (dB)	50	40	35	30	55
DM (dB)	45	70	80	50	40

6 Amp

FREQ (MHz)	.15	.5	1.0	10	30
CM (dB)	40	45	40	40	60
DM (dB)	35	70	80	45	45

10 Amp

FREQ (MHz)	.15	.5	1.0	10	30
CM (dB)	30	40	35	35	40
DM (dB)	25	60	70	45	35

12 Amp

FREQ (MHz)	.15	.5	1.0	10	30
CM (dB)	25	40	40	46	40
DM (dB)	20	55	75	70	46

15 Amp

FREQ (MHz)	.15	.5	1.0	10	30
CM (dB)	20	30	35	45	40
DM (dB)	20	50	70	65	60

16 Amp

FREQ (MHz)	.15	.5	1.0	10	30
CM (dB)	30	45	45	65	40
DM (dB)	20	65	85	55	50

20 Amp

FREQ (MHz)	.15	.5	1.0	10	30
CM (dB)	25	40	40	65	40
DM (dB)	20	65	85	60	55

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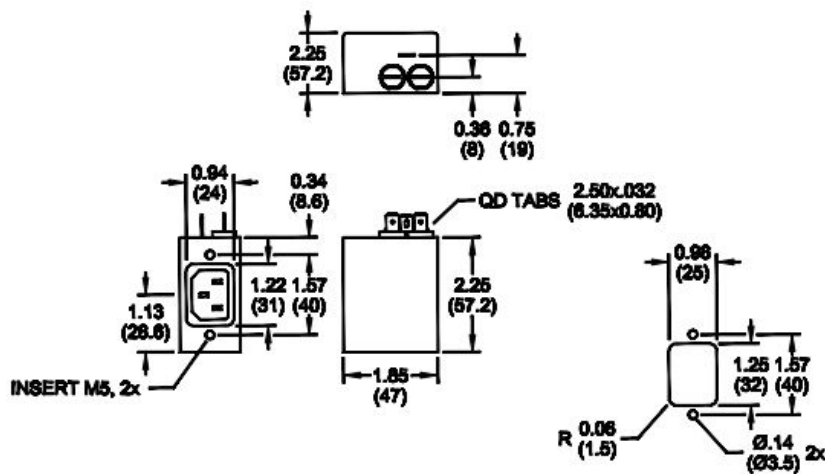
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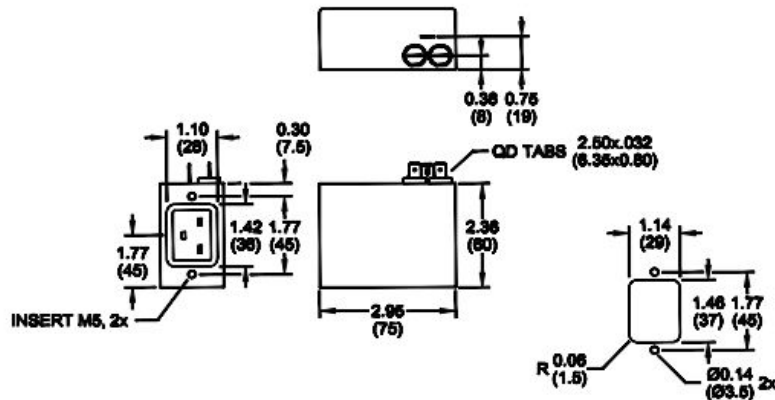
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Mechanical Dimensions:

1/3/6/10/12/15A



16/20A



TYPICAL TOLERANCE: +/-0.02 (0.50)

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