



RPM7200 Series

MIL/COTS AC, 1PH EMI Power Line Filter

RPM7200
MILITARY/ COTS TO 50A
PERFORMANCE TO 10GHZ
MIL-STD-461/ DO-160



SPECIFICATIONS

Operating Freq.	: 50/60/400Hz
Max. Operating Voltage	: 300VAC
Ambient Temperature	: -40 to 70C
Hipot Rating (L-G)	: 1800VDC
Terminals (-T)	: S: M5 Studs
Typical Leakage Current	3.5mA/Line (250V/60Hz)
Applications	: Mil-461/ DO-160

Note:

* Call for other termination types (e.g. Circular Mil-Connectors, etc.)

*Leakage Current is determined by the line to ground capacitors in the filter. The capacitors can be easily varied to match the system leakage requirements.

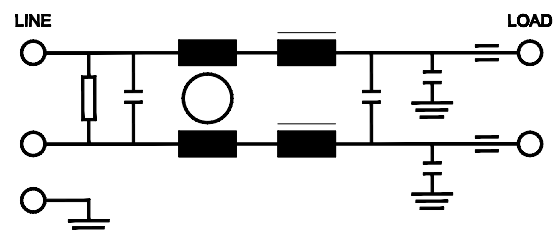
TYPICAL INSERTION LOSS, dB (50/50ohm)

FREQ (MHz)	.01	.15	.5	1	10	1000	10000
CM(dB)	20	38	50	60	70	70	70
DM(dB)	28	45	60	60	60	-	-

PART NUMBER/ ORDERING

RPM7200	-X (Amps)	-T	Weight LBS (KG) Typ.
	5	S	1.4 (0.6)
	10		1.4 (0.6)
	25		4.0 (1.8)
	50		6.5 (3.0)

SCHEMATIC



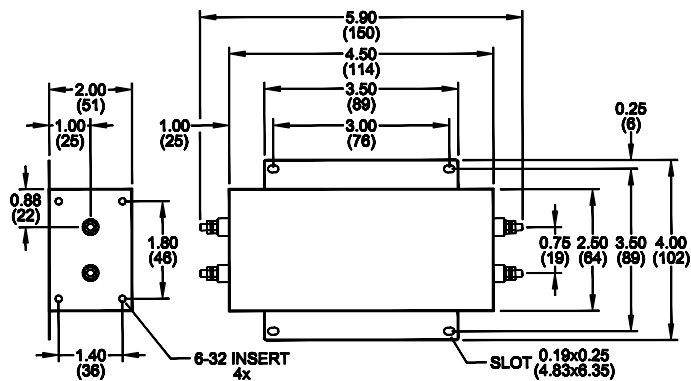
www.radiuspower.com

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

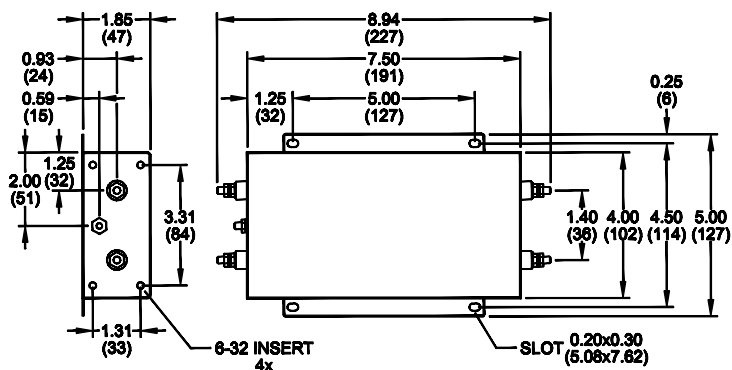
RPM7200

Mechanical Dimensions

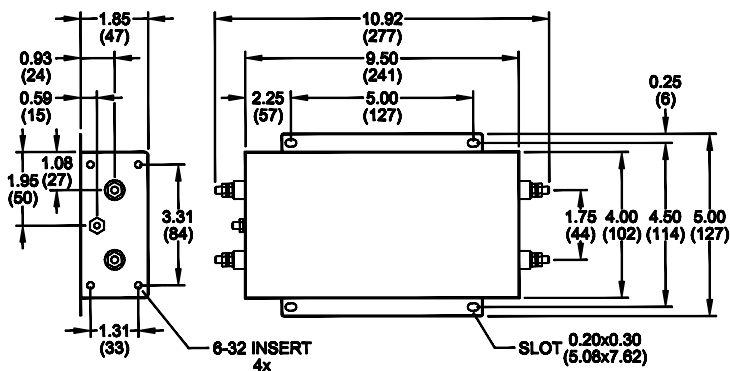
5/10Amp



25Amp



50Amp



TYPICAL TOLERANCE: +/-0.02 (0.50)

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