

RPM7200 Series

MIL/COTS AC, Single Phase EMI Power Line Filters

5 A to 50 A, Performance to 10 GHz MIL-STD-461/DO-160

Specifications

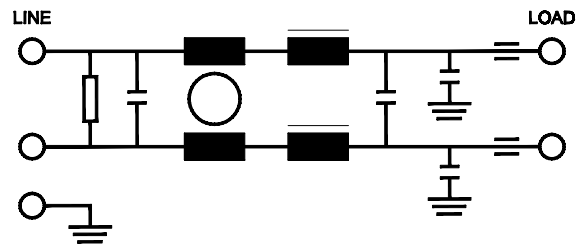
Operating Frequency	50/60/400 Hz
Max. Operating Voltage	300 VAC
Ambient Temperature	-40 to 70°C
Hipot Rating (L-G)	1800 VDC
Terminals (-T)	S: M5 Studs
Typical Leakage Current	3.5 mA/Line (250 V/60 Hz)
Applications	Mil-461/DO-160

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.



Electrical Schematic



Part Number/Ordering

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

Typical Insertion Loss, dB (50/50 Ohm)

Freq (MHz)	0.01	0.15	0.5	1.0	10	1000	10000
CM(dB)	20	38	50	60	70	70	70
DM(dB)	28	45	60	60	60	-	-

Specifications are subject to change. Consult factory to verify specifications.

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

www.AstrodyneTDI.com

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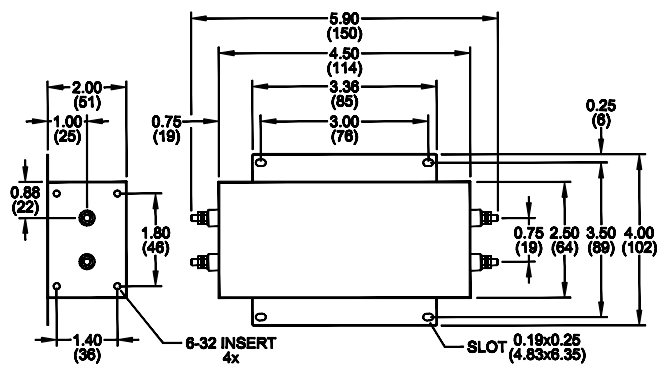
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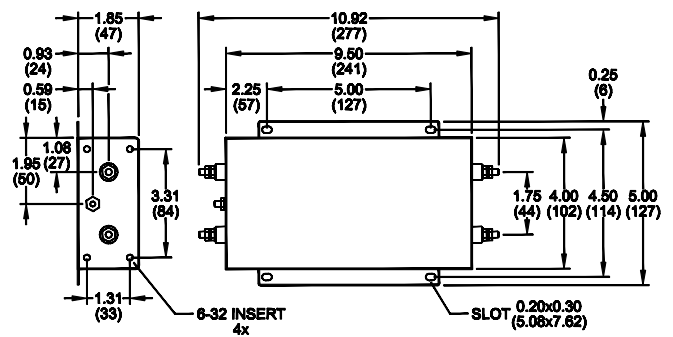
Mechanical Dimensions

TYPICAL TOLERANCE: +/-0.02" (0.50 mm)

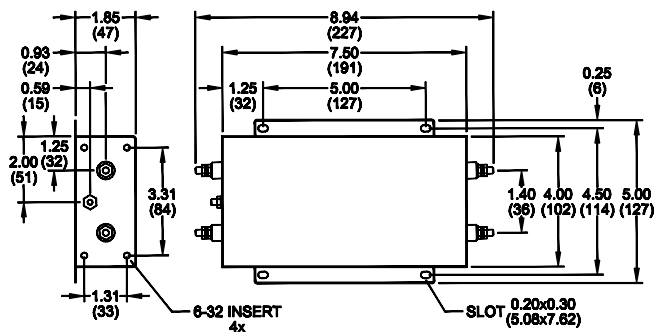
5/10 Amp



50 Amp



25 Amp



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