RPM7200 Series — **MIL/COTS AC, 1PH EMI Power Line Filter**

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



SPECIFICATIONS

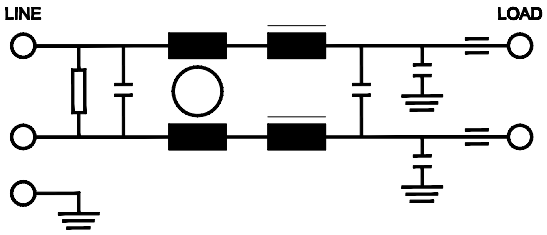
Operating Freq.	:	50/60/400Hz
Max. Operating Voltage	:	300VAC
Ambient Temperature	:	-40 to 70C
Hipot Rating (L-G)	:	1800VDC
Terminals (-T)	:	S: M5 Studs
Typical Leakage Current		3.5mA/Line (250V/60Hz)
Applications	:	Mil-461/ DO-160

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	-	-

SCHEMATIC



PART NUMBER/ ORDERING

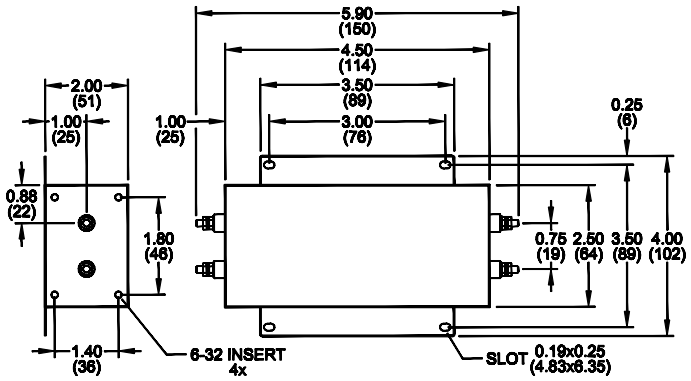
RPM7200	-X (Amps)	-T	Weight LBS (KG) Typ.
	5	S	1.4 (0.6)
	10		1.4 (0.6)
	25		4.0 (1.8)
	50		6.5 (3.0)

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

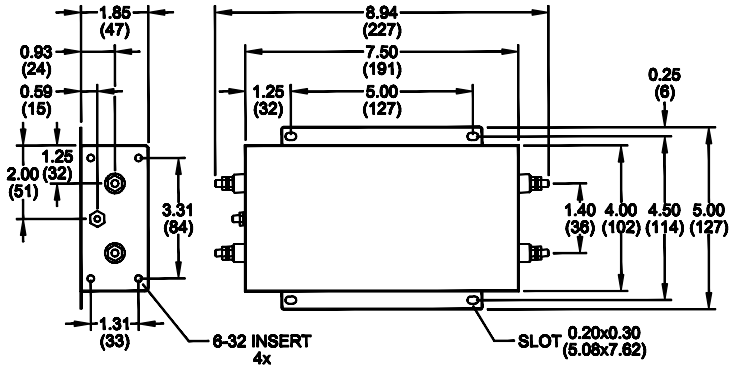
www.radiuspower.com
Engineering Assistance: engg@radiuspower.com
Sales:sales@radiuspower.com

RPM7200
Mechanical Dimensions

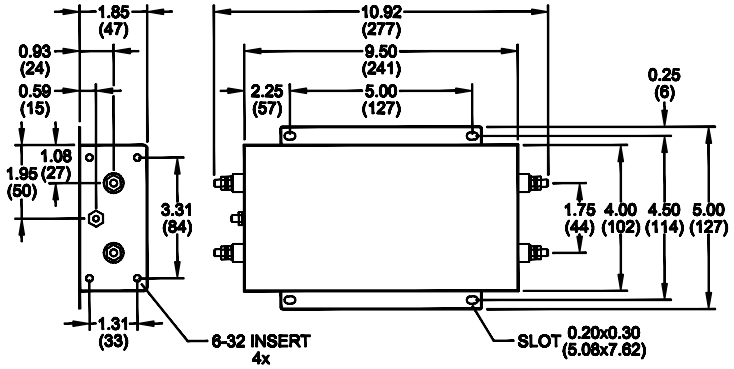
5/10Amp



25Amp



50Amp



TYPICAL TOLERANCE: +/-0.02 (0.50)

Unikeyic Electronics

Global Electronic Components Distributor

Click to view pricing, inventory, delivery, and lifecycle information:

Astrodyne TDI:

080.01502.00 082.00101.00 RP135-150-1-S 082SM.01000.00 085S.00300.00 085SM.00300.00 ASD15-12D15 RP120-50-2.2-S RP130-10-10-QD RP135-6-4.7-W RP328-42-2000-S 080SVM.00300.00 RP180-15-0-QD RP185-10-4.7-QD 080SV.00600.00 080SVM.00600.00 ASD10-48S12 RP300-150-2000-S RP325-200-100-S 085SM.01000.00 ASM201-480-BEH-PF1 LX20 F RP186-1-22-QD RPM7020-5-S 080SH.00300.00 080SHM.00600.00 080S.00300.00 083.00301.00 EPM15-150-BC-0F0 MTCC-5009