



RPT5510 Series

TEMPEST/COTS AC EMI Power Line Filter

**RPT5510
TEMPEST/ COTS TO 25A
PERFORMANCE TO 10GHZ
70dB**



SPECIFICATIONS

Operating Freq. : 50/60/400Hz

Max. Operating Voltage : 300VAC

Ambient Temperature : -40 to 70°C

Hipot Rating (L-G) : 1500VDC

Terminals (-T) : S: M5

Applications : TEMPEST/Mil-461/
DO-160

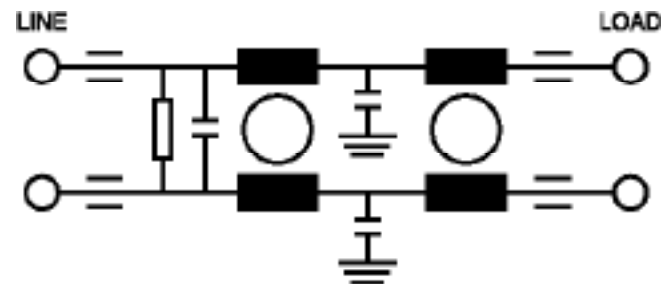
Leakage Current : 3.5mA/ Line
(250V/60Hz)

Note:

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

Leakage current is directly related to the line-ground caps in the filter. If higher leakage current is allowed, the caps can be increased to improve the low frequency insertion loss

SCHEMATIC



PART NUMBER/ ORDERING

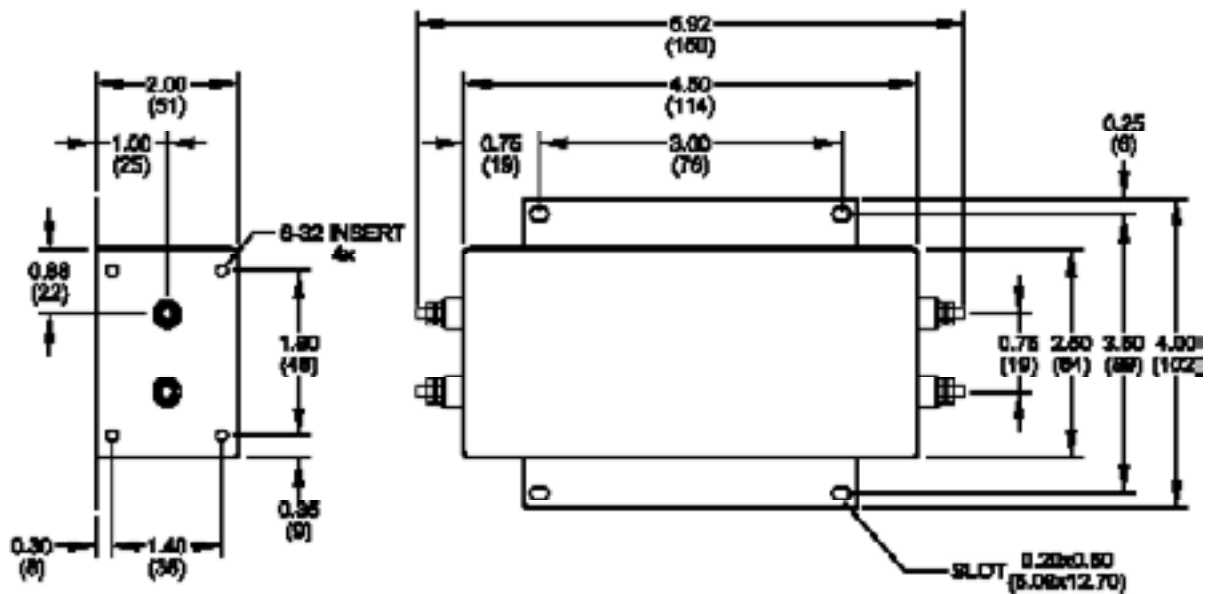
RPT5510	-X (Amps)	-T	Weight LBS (KG) Typ.
	5	S	1.4 (0.6)
	10		1.4 (0.6)
	15		1.8 (0.8)
	25		2.2 (1.0)

Typical CM Insertion Loss, 50ohm

14KHz	10dB
100KHz	40dB
500KHz	60dB
1MHz-10GHz	70dB

RPT5510

Mechanical Dimensions



TYPICAL TOLERANCE: ± 0.02 (0.50)