

TGT5500

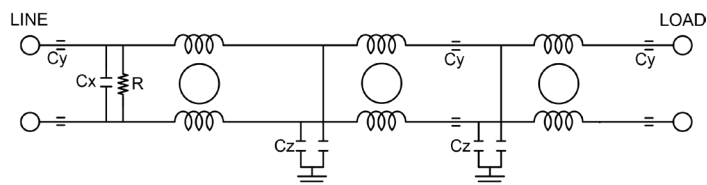
TEMPEST/COTS **AC** EMI POWER LINE FILTER

FEATURES

- » Rated currents include **5A, 10A, 15A, 25A, 30A, and 35A**
- » Multi Stage Line Filter
- » Available with **S** (studs)
- » Agency Approved to RoHS
- » Y-cap value can be adjusted to fit specification



ELECTRICAL SCHEMATIC



SPECIFICATIONS

OPERATING FREQUENCY	50/60/400 Hz
MAX. OPERATING VOLTAGE*	300 VAC +10%
AMBIENT TEMPERATURE	-40 TO 70°C
CLIMATIC CATEGORY	25/100/21
TERMINALS (-T)	STUDS: 5-35A (M5)
TYP. WEIGHT, LBS (KG)	3.2 - 6(1.45 - 2.72)

HIPOT RATINGS

LINE TO GROUND	1500 VDC
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TYPICAL APPLICATIONS

- ✓ TEMPEST/Mil-461/DO-160

NOTE:

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

HOW TO ORDER

TGT5500 - Y - Z

Z = TERMINAL (-T)
X = RATED CURRENT

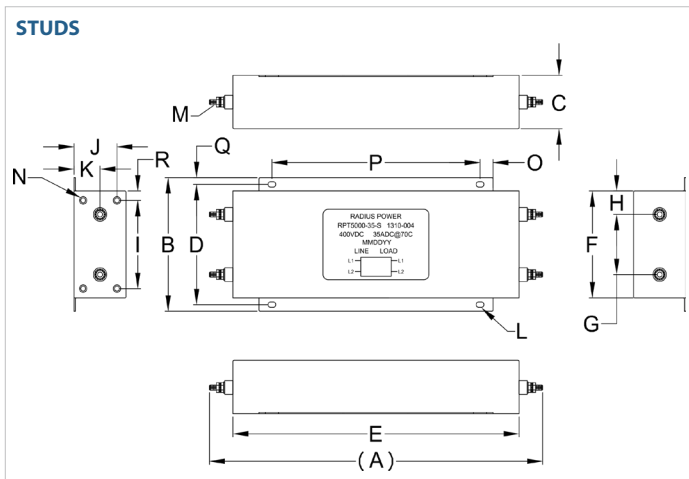
TGT5500=FILTER SERIES

TGT5500

TEMPEST/COTS **AC** EMI POWER LINE FILTER

MODEL NO.	RATED CURRENT, A @ 40° C	LEAKAGE CURRENT mA, @ 250V AC/60 Hz	TERMINAL OPTIONS			MAX. DIMENSIONS" (MM)		
			(QD) INPUT/OUTPUT	(W) INPUT/OUTPUT	(S) INPUT/OUTPUT	WIDTH	(LENGTH)	HEIGHT
TGT5500-5-S	5	3.50			✓	4.50"(114)	9.70"(246)	2.00"(51)
TGT5500-10-S	10	3.50			✓	4.50"(114)	9.70"(246)	2.00"(51)
TGT5500-15-S	15	3.50			✓	5.00"(127)	12.81"(325)	2.00"(51)
TGT5500-25-S	25	3.50			✓	5.00"(127)	12.81"(325)	2.00"(51)
TGT5500-30-S	30	3.50			✓	5.00"(127)	12.81"(325)	2.00"(51)
TGT5500-35-S	35	3.50			✓	5.00"(127)	12.81"(325)	2.00"(51)

TGT5500 MECHANICAL OUTLINES (MM)



TGT5500

TEMPEST/COTS **AC** EMI POWER LINE FILTER

TYPICAL INSERTION LOSS, dB (50/50 Ohm)

Amps	Freq (MHz)	0.15	0.5	1.0	10	30
5	CM (dB)	60	80	100	100	100
	DM (dB)	-	-	-	-	-
10	CM (dB)	60	80	100	100	100
	DM (dB)	-	-	-	-	-
15	CM (dB)	60	80	100	100	100
	DM (dB)	-	-	-	-	-
25	CM (dB)	60	80	100	100	100
	DM (dB)	-	-	-	-	-
30	CM (dB)	60	80	100	100	100
	DM (dB)	-	-	-	-	-
35	CM (dB)	60	80	100	100	100
	DM (dB)	-	-	-	-	-