

TGTC

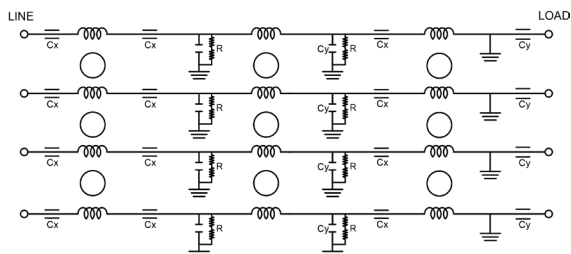
TEMPEST/COTS AC EMI POWER LINE FILTER

FEATURES

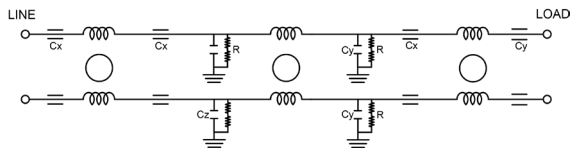
- » Rated currents include **10A, 30A, 60A, 100A, and 225A**
 - » Multi Stage Line Filter
 - » Available with **S** (studs)
 - » Agency Approved to RoHS
- Y-cap value can be adjusted to fit specification

ELECTRICAL SCHEMATIC

TGTC2001/TGTC2004/TGTC2012

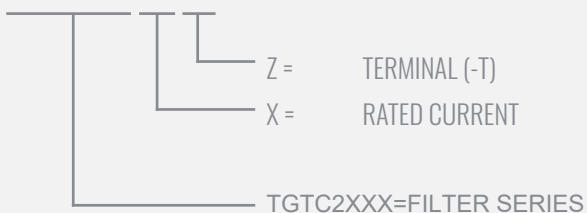


TGTC2002/TGTC2003/TGTC2010/TGTC2011



HOW TO ORDER

TGTC2XXX- Y - Z



SPECIFICATIONS

OPERATING FREQUENCY

47/63 Hz

MAX. OPERATING VOLTAGE

TGTC2001 480 VAC +10%
TGTC2002 300 VAC +10%
TGTC2003 300 VAC +10%
TGTC2004 480 VAC +10%
TGTC2010 300 VAC +10%

TGTC2011 300 VAC +10%

AMBIENT TEMPERATURE

TGTC2012 480 VAC +10%
-25 TO 70°C

CLIMATIC CATEGORY

25/100/21

TERMINALS (-T)

STUDS: 10A (10-32),
30-100A (1/4-20),
225A (1/2-13)

TYP. WEIGHT, LBS (KG)

3.0(1.4) - 150.0 (68.0)

SINGLE PHASE

TGTC2002, TGTC2003
TGTC2010, TGTC2011
TGTC2001, TGTC2004
TGTC2012

3-PHASE WYE

HIPOT RATINGS

LINE TO GROUND

1500 VDC

TYPICAL APPLICATIONS

- ✓ TEMPEST/Mil-461/DO-160

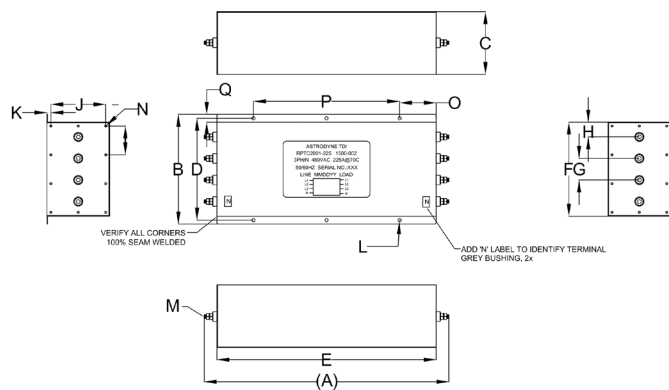
TGTC

TEMPEST/COTS AC 3-PHASE **WYE** EMI POWER LINE FILTER

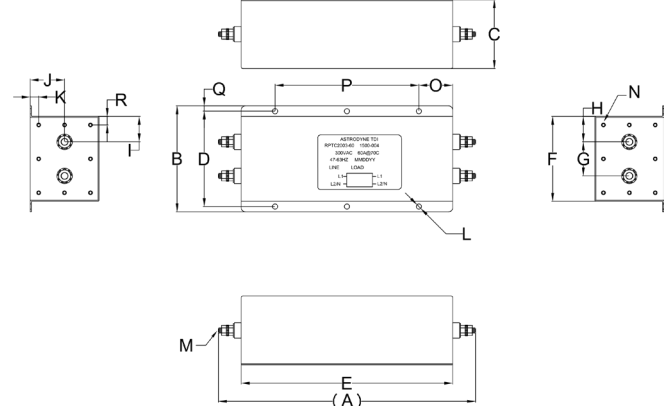
MODEL NO.	RATED CURRENT, A @ 40° C	TERMINAL OPTIONS			MAX. DIMENSIONS" (MM)		
		(QD) INPUT/ OUTPUT	(W) INPUT/ OUTPUT	(S) INPUT/ OUTPUT	WIDTH	(LENGTH)	HEIGHT
TG TC 2001-225	225			✓	14.00"(356)	31.25"(794)	8.00"(203)
TG TC 2002-10	10			✓	4.50"(114)	9.81"(249)	2.00"(51)
TG TC 2003-60	60			✓	5.00"(127)	12.16"(309)	3.25"(83)
TG TC 2004-100	100			✓	8.50"(216)	20.71"(526)	6.00"(152)
TG TC 2010-30	30			✓	5.00"(127)	12.15"(309)	3.25"(83)
TG TC 2011-100	100			✓	8.50"(216)	19.97"(507)	6.00"(152)
TG TC 2012-60	60			✓	8.50"(216)	20.71"(526)	6.00"(152)

TGTC MECHANICAL OUTLINES (MM)

STUDS TGTC2001/TGTC2004/TGTC2012



STUDS TGTC2002/TGTC2003/TGTC2010/TGTC2011



TGTC

TEMPEST/COTS AC 3-PHASE **WYE** EMI POWER LINE FILTER

SERIES	(A)	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R
STUDS (RPTC2001)	31.25" (794)	14.00" (356)	8.00" (203)	13.00" (330)	28.00" (711)	12.00" (305)	2.80" (71)	1.88" (48)	4.60" (117)	4.00" (102)	0.50" (13)	0.20" (5)	1/2-13 STUD, 8x	INSERT, 10-32, 20x	4.66" (118)	18.66" (474)	0.50" (13)	N/A
STUDS (RPTC2002)	9.81" (249)	4.50" (114)	2.00" (51)	4.00" (102)	8.00" (203)	3.50" (89)	1.50" (38)	1.00" (25)	1.00" (25)	1.00" (25)	0.40" (10)	Ø0.20", 6x (Ø5.2, 6x)	STUD, 10-32, 4x	INSERT, 8-32, 12x	1.60" (41)	4.80" (122)	0.25" (6)	0.40" (10)
STUDS (RPTC2003)	12.16" (309)	5.00" (127)	3.25" (83)	4.50" (114)	10.00" (254)	4.00" (102)	1.61" (41)	1.20" (30)	1.20" (30)	1.63" (41)	0.40" (10)	Ø0.24", 6x (Ø6.2, 6x)	STUD, 1/4-20, 4x	INSERTS, 8-32, 16x	1.60" (41)	6.80" (173)	0.25" (6)	N/A
STUDS (RPTC2004)	20.71" (526)	8.50" (216)	6.00" (152)	3.81" (97)	18.00" (457)	7.00" (178)	1.46" (37)	1.30" (33)	3.00" (76)	3.00" (76)	0.50" (13)	Ø0.24", 6x (Ø6.2, 6x)	1/2-13 STUD, 8x	INSERT, 10-32, 20x	3.00" (76)	12.00" (305)	0.38" (10)	N/A
STUDS (RPTC2010)	12.15" (309)	5.00" (127)	3.25" (83)	4.50" (114)	10.00" (254)	4.00" (102)	1.61" (41)	1.20" (30)	1.20" (30)	1.63" (41)	0.40" (10)	Ø0.24", 6x (Ø6.2, 6x)	STUD, 1/4-20, 4x	INSERTS, 8-32, 16x	1.60" (41)	6.80" (173)	0.25" (6)	N/A
STUDS (RPTC2011)	19.97" (507)	8.50" (216)	6.00" (152)	7.75" (197)	18.00" (457)	7.00" (178)	1.46" (37)	2.76" (70)	2.76" (70)	3.00" (76)	0.50" (13)	Ø0.24", 6x (Ø6.2, 6x)	STUD, 1/4-20, 4x	INSERTS, 8-32, 16x	3.00" (76)	12.00" (305)	0.38" (10)	N/A
STUDS (RPTC2012)	20.71" (526)	8.50" (216)	6.00" (152)	3.81" (97)	18.00" (457)	7.00" (178)	1.46" (37)	1.30" (33)	3.00" (76)	3.00" (76)	0.50" (13)	Ø0.24", 6x (Ø6.2, 6x)	1/2-13 STUD, 8x	INSERT, 10-32, 20x	3.00" (76)	12.00" (305)	0.38" (10)	N/A

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

CONTACT FACTORY FOR TYPICAL INSERTION LOSS, dB (50/50 Ohm)