

REV. Status

REVISION -
01/09/92 HAREVISION A
TEMECULA
WAS CARSON
ADDED SAFETY
9/6/95 TSREVISION B
NEW
FORMAT
07/07/98 TS

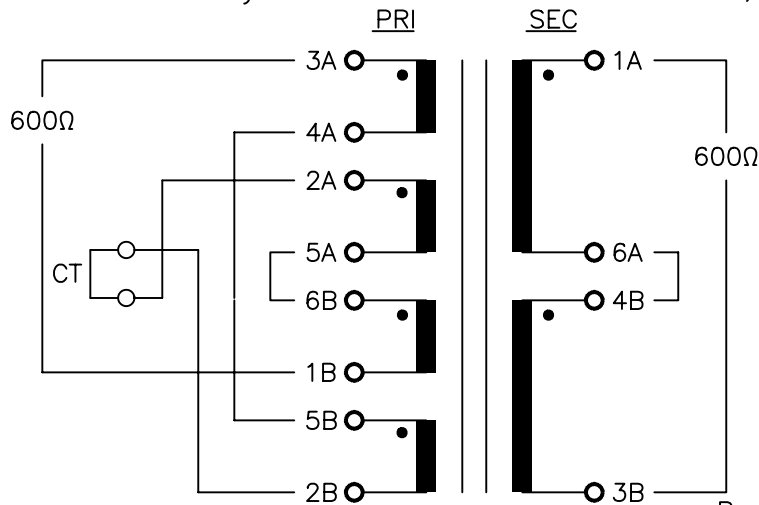
FCC68 TELECOMMUNICATIONS COUPLING TRANSFORMER 600CT:600

A. Electrical Specifications (@ 25°C)

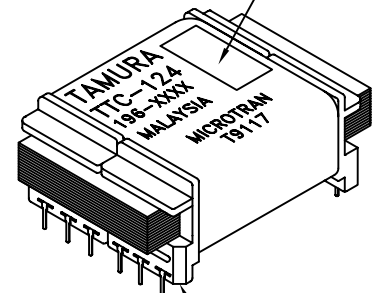
1. Pri Source Impedance; 600 Ω CT nominal
 2. Sec Load Impedance; 600 Ω
 3. Pri DC Current; 80mA MAX (Pri)
 4. Operating Level; -45dBm to +7dBm
 5. Insertion Loss;
1.3dB TYP 1.7dB MAX @ 1KHz, 0dBm
 6. Frequency Response (relative to 1KHz)
 ± 0.7 dB @ 300Hz to 3.5KHz, 0dBm, DC80mA
 7. Pri Return Loss; 23dB TYP @ approx. 440 Ω plus 0.035uF parallel load
15dB TYP @ 600 Ω load
 8. Longitudinal Balance; 60dB MIN @ 200Hz to 1KHz
 9. DC Resistance;
(Pri) = 78 Ω $\pm 10\%$
(Sec) = 92 Ω $\pm 10\%$
 10. Total Harmonic Distortion; 0.1% MAX @ 300Hz, 0dBm, DC80mA
 11. Turns Ratio; (Pri) : (Sec) = 1 : 1.00 $\pm 2\%$
 12. Dielectric Strength;
1500Vrms 1 minute @ Pri to Sec, Pri to Core
1000Vrms 1 minute @ Sec to Core
150Vrms 1 minute @ Sec to Sec
- B. Marking; TAMURA, TTC-124, MICROTRAN, T9117, safety agency logos,
196-date code and country of origin
- C. Safety: CSA C22.2 No. 66-M1988 File No. LR81383
UL 1863 File No. E142035

D. Schematic Diagram

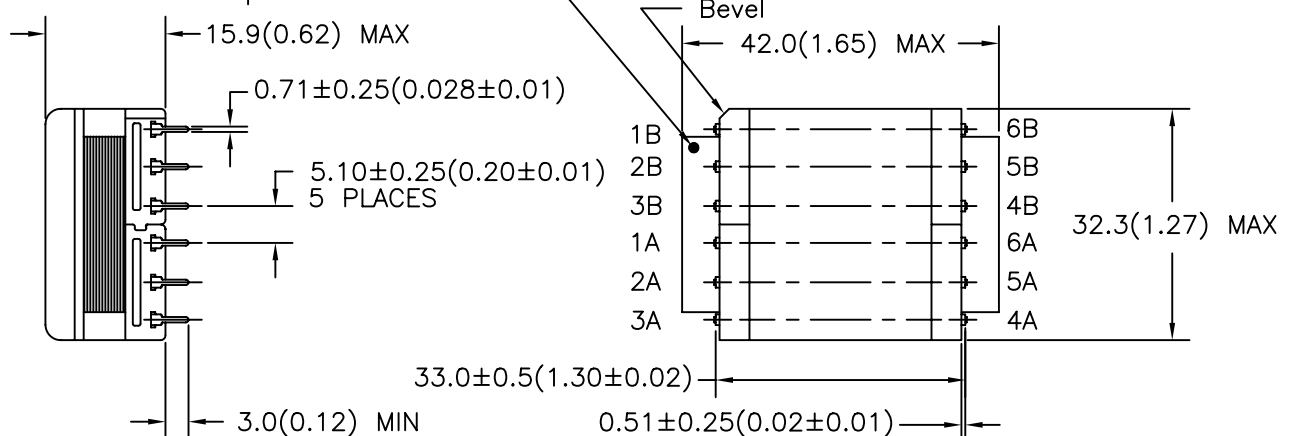
Necessary external connections: Short 2A-2B, 4A-5B, 5A-6B, 6A-4B



SAFETY APPROVAL LOGOS



E. Mechanical Specifications



PREPARED BY:

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ENGINEER:

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QUALITY CONTROL:

V. Casey

APPROVED:

V. Casey

DWG CONTROL NO.
P-A1-10508
ACAD\TTC\A1105081.DWG

REV

B

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(909) 699-1270 FAX 9096769482**TTC-124**

MODEL SPECIFICATION

DIM:mm(In) SCL: 1/1 SH: 1 OF 1

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MODEL NUMBER

TTC-124