

REV. Status

REVISION -
01/09/92 HA

REVISION A
TEMECULA
WAS CARSON
ADDED SAFETY
9/6/95 TS

REVISION B
NEW
FORMAT
07/07/98 TS

FCC68 TELECOMMUNICATIONS COUPLING TRANSFORMER 600CT:600

- A. Electrical Specifications (@ 25°C)
- Pri Source Impedance; 600Ω CT nominal
 - Sec Load Impedance; 600Ω
 - Pri DC Current; 80mA MAX (Pri)
 - Operating Level; -45dBm to +7dBm
 - Insertion Loss;
 - 1.3dB TYP 1.7dB MAX @ 1KHz, 0dBm
 - Frequency Response (relative to 1KHz)
 - ±0.7dB @ 300Hz to 3.5KHz, 0dBm, DC80mA
 - Pri Return Loss; 23dB TYP @ approx. 440Ω plus 0.035uF parallel load
 - 15dB TYP @ 600Ω load
 - Longitudinal Balance; 60dB MIN @ 200Hz to 1KHz
 - DC Resistance;
 - 40dB MIN @ 4KHz
 - (Pri) = 78Ω ±10%
 - (Sec) = 92Ω ±10%
 - Total Harmonic Distortion; 0.1% MAX @ 300Hz, 0dBm, DC80mA
 - Turns Ratio; (Pri) : (Sec) = 1 : 1.00 ±2%
 - 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

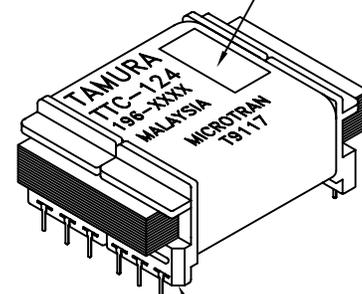
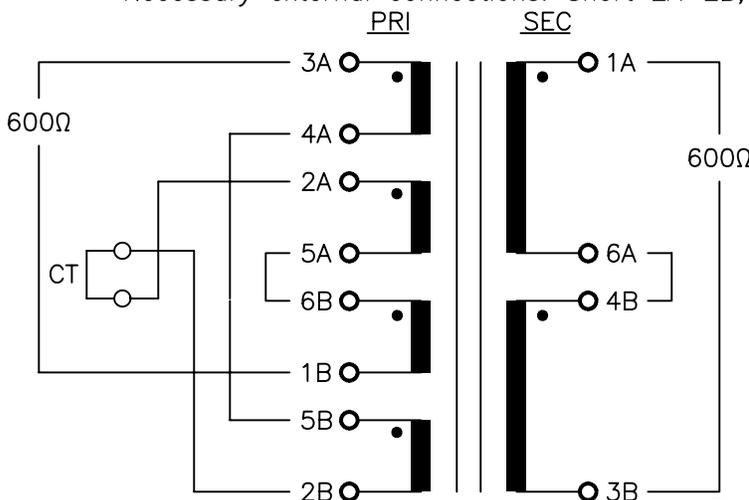


UL# E142035

MODEL NUMBER

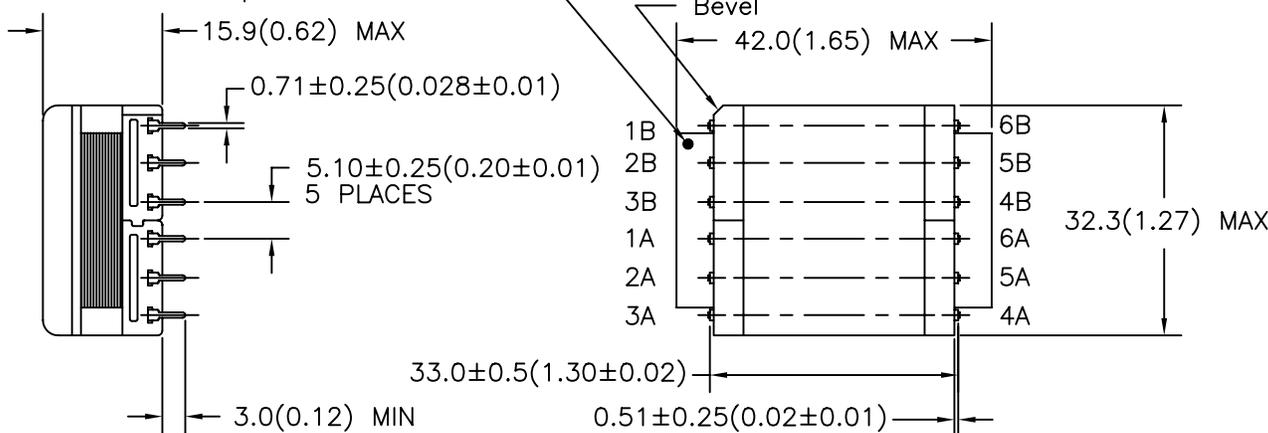
TTC-124

SAFETY APPROVAL LOGOS



Bevel

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

TELECOMMUNICATIONS COUPLING
TRANSFORMER

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TTC-124

MODEL SPECIFICATION

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

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