

A. Electrical Specifications (@ 25° C)

1. Pri Source Impedance; 600Ω
2. Sec Load Impedance; 600Ω/600Ω
3. Pri DC Current; 80mA MAX
4. Operating Level; -45dBm to +7dBm
5. Insertion Loss;
1.5dB MAX @ 1KHz, 0dBm, DC80mA.
6. Frequency Response (relative to 1KHz)
±0.5dB @ 300Hz to 3.5KHz, 0dBm, DC80mA
7. Return Loss; 26dB TYP @ 1000Ω load, 17dB TYP @ 1200Ω load
8. Longitudinal Balance; 60dB MIN @ 200Hz to 1KHz
40dB MIN @ 4KHz
9. DC Resistance;
(Pri) = 100Ω MAX
(Sec) = 190Ω MAX
10. Turns Ratio; (Pri) : (Sec) = 1 : 1.416 ±2%
11. Dielectric Strength;
1500Vrms 1 minute @ Pri to Sec, Pri to Core
1000Vrms 1 minute @ Sec to Core
150Vrms 1 minute @ Sec to Sec
12. Note: All testing will be calibrated based on 600Ω vs 1200ΩCT
impedance matching and connection

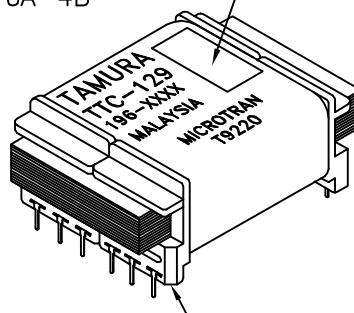
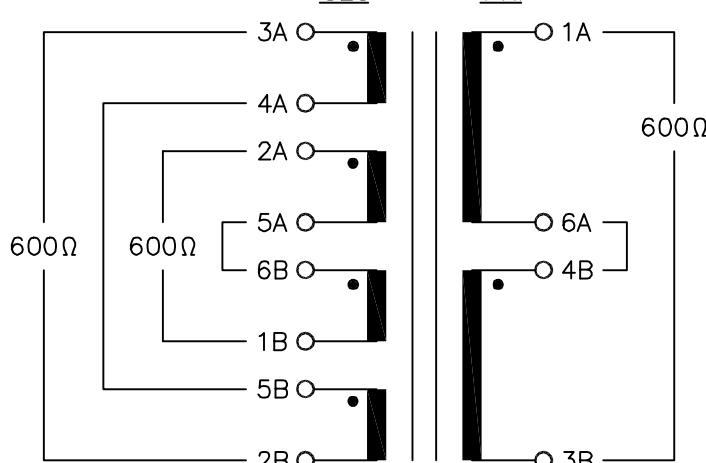
B. Marking; TAMURA, TTC-129, MICROTRAN, T9220, safety agency logos
196-date code and country of origin

C. Safety: CSA C22.2 No. 66-M1988 File No. LR81383
UL 1863 File No. E142035

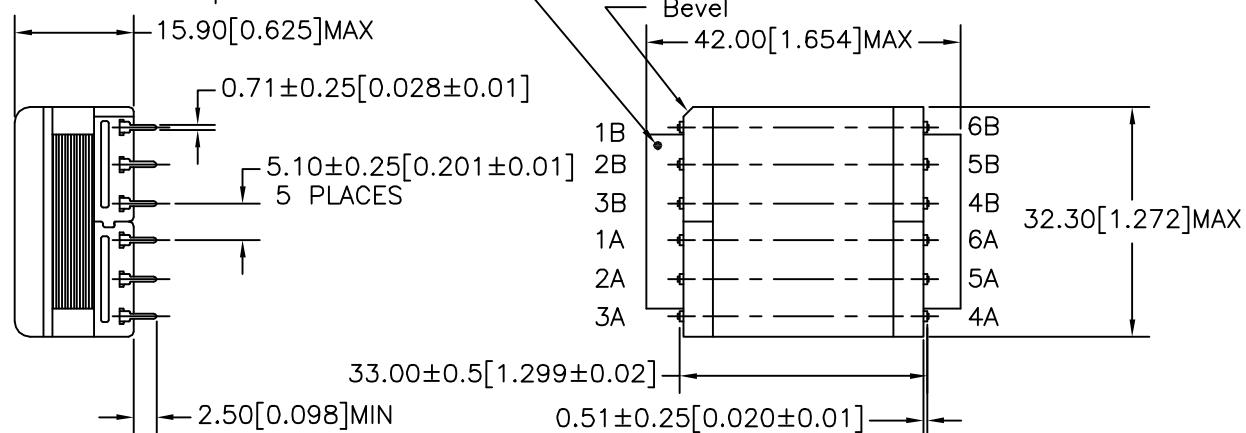
SAFETY APP



SAFETY APPROVAL LOGOS



E. Mechanical Specifications



PREPARED BY:

D. Rund

ENGINEER:

DWG CONTROL NO. R
P-A1-10347
ACAD\TTC\A1103471.DWG

TELECOMMUNICATION COUPLING TRANSFORMER

TTC-129

MODEL SPECIFICATION

QUALITY CONTROL CONTENTS OF THIS DRAWING ARE
D. Kelley SUBJECT TO CHANGE WITHOUT
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