

REV. Status

REVISION -
01/09/92 HAREVISION A
TEMECULA
WAS CARSON
5/24/95 TSREVISION B
NEW
FORMAT
7/01/98 TSREVISION C
CHANGED PIN
LENGTH TO
2.5mm MIN.
01/19/01 TS

.625" LOW PROFILE TELECOMMUNICATION TRANSFORMER 600 : 600/600 SPLIT

A. Electrical Specifications (@ 25 ° C)

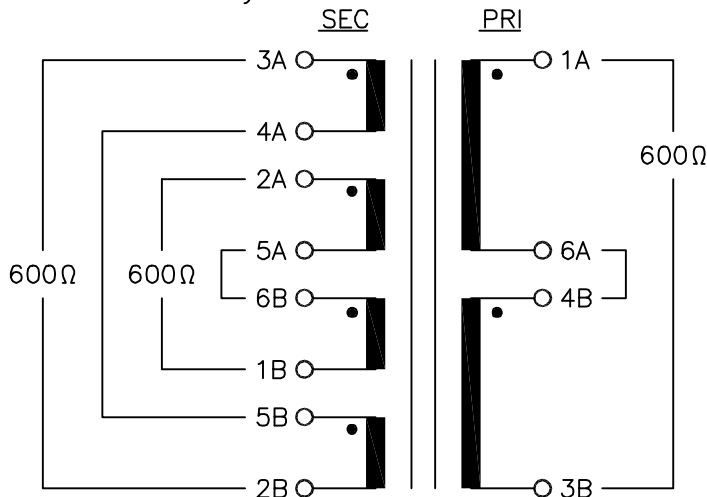
1. Pri Source Impedance; 600 Ω
2. Sec Load Impedance; 600 Ω /600 Ω
3. Pri DC Current; 80mA MAX
4. Operating Level; -45dBm to +7dBm
5. Insertion Loss;
1.5dB MAX @ 1KHz, 0dBm, DC80mA.
6. Frequency Response (relative to 1KHz)
 ± 0.5 dB @ 300Hz to 3.5KHz, 0dBm, DC80mA
7. Return Loss; 26dB TYP @ 1000 Ω load, 17dB TYP @ 1200 Ω load
8. Longitudinal Balance; 60dB MIN @ 200Hz to 1KHz
40dB MIN @ 4KHz
9. DC Resistance;
(Pri) = 100 Ω MAX
(Sec) = 190 Ω MAX
10. Turns Ratio; (Pri) : (Sec) = 1 : 1.416 $\pm 2\%$
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 600 Ω vs 1200 Ω CT impedance matching and connection

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

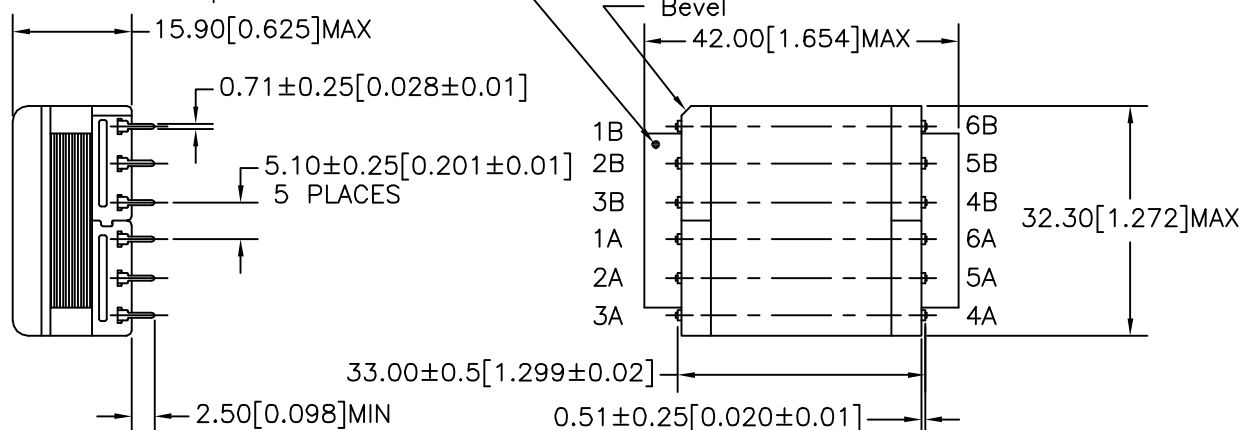
C. Safety: CSA C22.2 No. 66-M1988 File No. LR81383
UL 1863 File No. E142035

D. Schematic Diagram

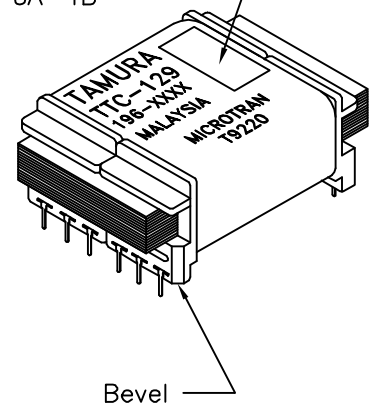
Necessary external connections: Short 4A-5B, 5A-6B, 6A-4B



E. Mechanical Specifications



SAFETY APPROVAL LOGOS



Bevel

PREPARED BY:

D. Rund

ENGINEER:

T. Shiozawa

QUALITY CONTROL

D. Kelley

APPROVED:

D. Kelley

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TTC-129

MODEL SPECIFICATION

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

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