

Excellent Integrated System Limited

Stocking Distributor

Click to view price, real time Inventory, Delivery & Lifecycle Information:

[Tamura](#)
[TTC-129](#)

For any questions, you can email us directly:

sales@integrated-circuit.com

REV. Status

REVISION -
01/09/92 HA

REVISION A
TEMECULA
WAS CARSON
5/24/95 TS

REVISION B
NEW
FORMAT
7/01/98 TS

REVISION C
CHANGED PIN
LENGTH TO
2.5mm MIN.
01/19/01 TS

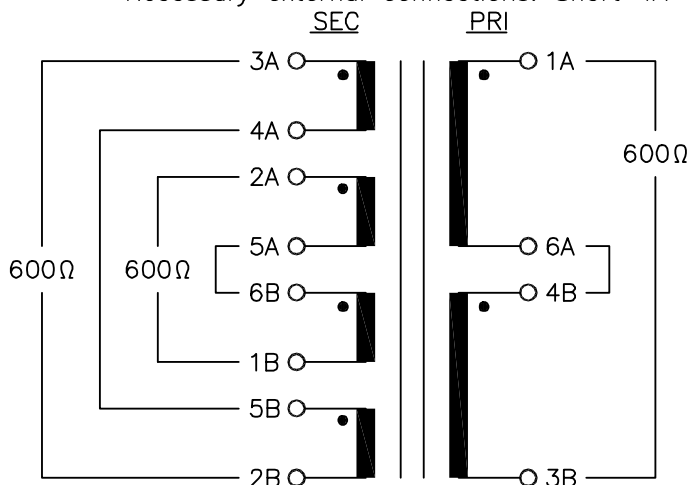
.625" LOW PROFILE TELECOMMUNICATION TRANSFORMER 600 : 600/600 SPLIT

A. Electrical Specifications (@ 25 ° C)

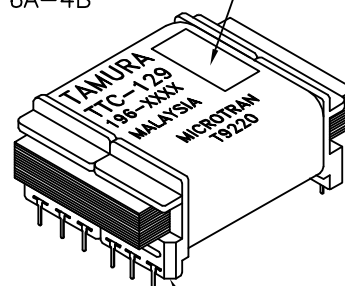
1. Pri Source Impedance; 600Ω
2. Sec Load Impedance; 600Ω/600Ω
3. Pri DC Current; 80mA MAX
4. Operating Level; -45dBm to +7dBm
5. Insertion Loss;
 - 1.5dB MAX @ 1KHz, 0dBm, DC80mA.
6. Frequency Response (relative to 1KHz)
 - ±0.5dB @ 300Hz to 3.5KHz, 0dBm, DC80mA
7. Return Loss; 26dB TYP @ 1000Ω load, 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
- D. Schematic Diagram

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

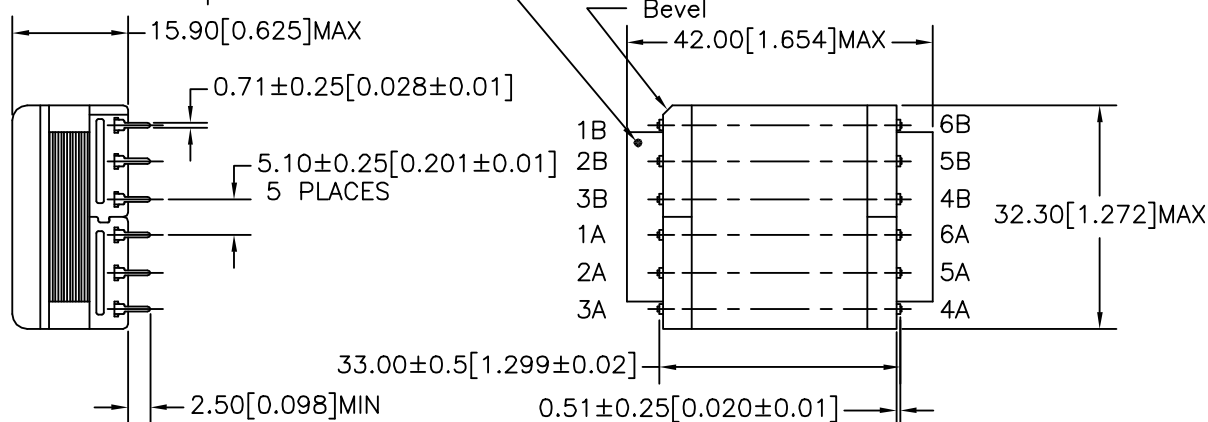


SAFETY APPROVAL LOGOS



Bevel

E. Mechanical Specifications



PREPARED BY:

D. Rund

ENGINEER:

T. Shiozawa

QUALITY CONTROL

D. Kelley

APPROVED:

D. Kelley

DWG CONTROL NO.

P-A1-10347

ACAD\TTC\A1103471.DWG

REV

C

TELECOMMUNICATION COUPLING

TRANSFORMER

TAMURA CORPORATION OF AMERICA

43352 BUSINESS PARK DRIVE, TEMECULA, CA. 92590-6624
(909) 699-1270 FAX 9096769482

TTC-129

MODEL SPECIFICATION

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

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MODEL NUMBER

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