

REV. Status

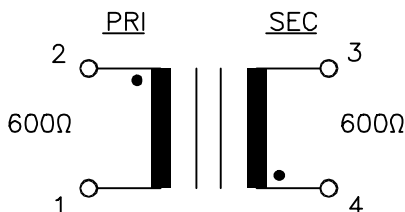
REVISION -
08/04/96 TSREVISION A
UPDATED TO
NEW LABEL
12/06/95 TSREVISION B
NEW FORMAT
07/17/96 TSVERY LOW PROFILE DRY COUPLING TELECOMMUNICATON TRANSFORMER WITH
SUPERIOR PERMEABILITY

A. Electrical Specifications (@ 25° C)

1. Pri Source Impedance: 600 Ω
2. Sec Load Impedance: 600 Ω
3. Operating Level: -45 dBm to +7 dBm and 0mA DC
4. Insertion Loss: 1.0 dB TYP @ 1 KHz, 0dBm
5. Frequency Response (Relative to 1 KHz):
 ± 0.5 dB @ 300 Hz to 3.5 KHz, 0dBm
6. DC Unbalance: 0mA DC
7. Total Harmonic Distortion: 0.5% MAX
8. Return Loss: 26 dB MIN
9. Longitudinal Balance:
60 dB MIN @ 200 Hz to 1 KHz
40 dB MIN @ 1 KH to 4 KHz
10. DC Resistance:
1-2 = 46 Ω $\pm 15\%$
3-4 = 63 Ω $\pm 15\%$
11. Dielectric Strength:
1500 Vrms, 1 minute @ Pri to Sec and Pri to Core

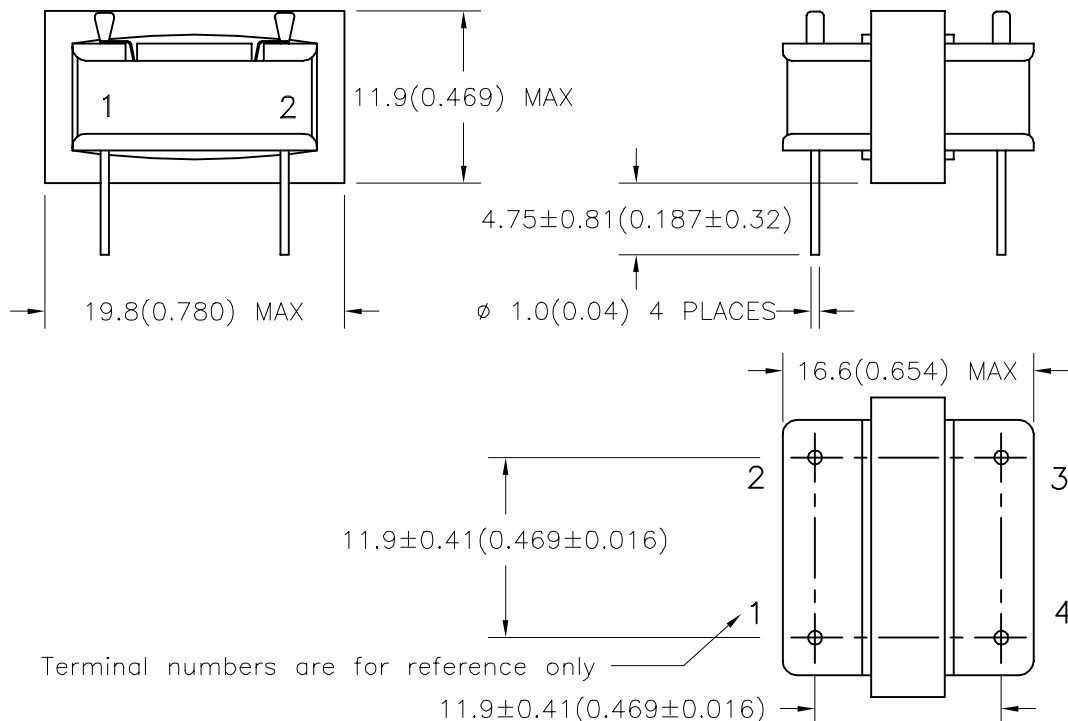
B. Marking: TAMURA CA, T1104, MICROTRAN, terminal numbers,
Date Code and Country of OriginC. Safety: CSA-C22.2 No. 950-M89 File No. 138028
UL1459, UL1950 File No. 138028

D. Schematic Diagram:

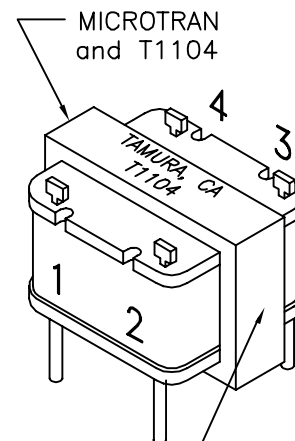


E. Mechanical Specifications:

All dimensions shown are nominal unless otherwise specified



UL# E138028

Date code
and Country
of Origin

MODEL NUMBER

T1104

TOLERANCES (mm)

 $\leq 4 \pm 0.2$
 $4 \leq 20 \pm 0.3$
 $20 \leq 50 \pm 0.4$

PREPARED BY:

K. Brennan

ENGINEER:

T. Shiozawa

QUALITY CONTROL:

D. Kelley

APPROVED:

D. Kelley

DRAWING CONTROL NO.
P-A1-11365
ACAD\MXFMR\A1113651.DWGREV
BMODEL DESCRIPTION
TELECOMMUNICATION COUPLING
TRANSFORMER

TAMURA CORPORATION OF AMERICA

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

MODEL SPECIFICATION

T1104

DIM: mm(In) SCL: 2/1 SH: 1 OF 1

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