

REV. Status

REVISION -
01/08/98 HAREVISION A
TEMECULA
WAS CARSON
ADDED SAFETY
ADDED T-2112
9/27/95 TSREVISION B
T2112
WAS T-2112
12/4/95 TSREVISION C
NEW
FORMAT
07/08/98 TS

LOW PROFILE TELECOMMUNICATIONS TRANSFORMER 600:600CT

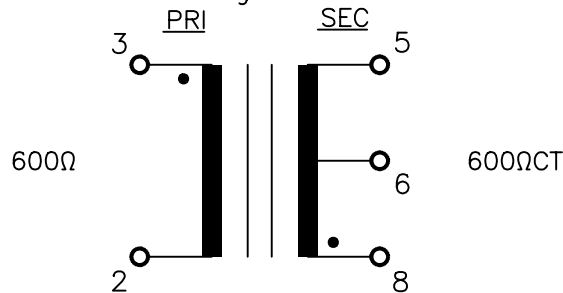
A. Electrical Specifications (at 25° C)

1. Pri Source Impedance; 600Ω
2. Sec Load Impedance; 600Ω CT
3. Pri DC Current; 90mA MAX (2-3)
4. Operating Level; -45dBm to +10dBm
5. Insertion Loss;
3.0dB MAX from 660Hz to 800Hz, 0dBm, DC90mA
2.5dB MAX from 800Hz to 3.5KHz, 0dBm, DC90mA
6. Frequency Response (Relative to 2KHz);
+0.7, -1.0dB from 660Hz to 800Hz, 0dBm, DC90mA
±0.7dB from 800Hz to 3.5KHz, 0dBm, DC90mA
7. Longitudinal Balance; 60dB MIN from 200Hz to 4KHz
8. DC Resistance;
(2-3) = 71Ω±15%
(5-8) = 117Ω±15%
9. Turns Ratio; (2-3) : (5-6) = 1 : 0.500 ±2%
(2-3) : (6-8) = 1 : 0.500 ±2%
10. Dielectric Strength;
1500Vrms, 1 minute from Pri to Sec, Pri to Core
1000Vrms, 1 minute from Sec to Core

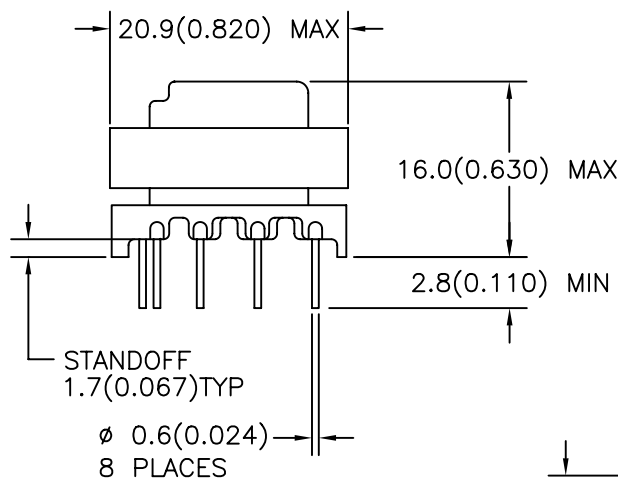
B. Marking; TTC-109N-1, TAMURA, T2112, MICROTRAN, date code, country of origin, and agency safety logos

C. Safety; CSA-22.2 No. 66-M1988 File No. LR81383
UL 1863 File No. E142035

D. Schematic Diagram

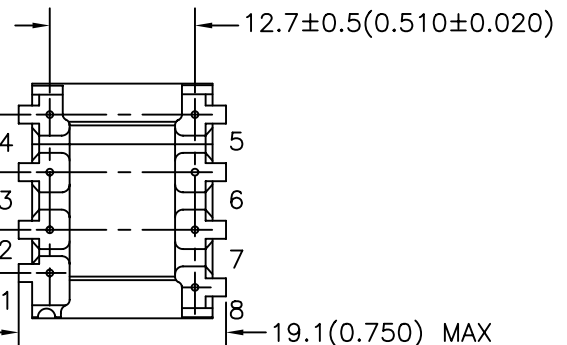
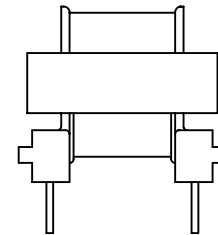


E. Mechanical Specifications

5.1±0.3(0.200±0.012)
5 PLACES

3.8±0.3(0.150±0.012)

Date code and country of origin



MODEL NUMBER

TTC-109N-1

TOLERANCES (mm)

≤ 4 ± 0.2
4 ≤ 20 ± 0.3
20 ≤ 50 ± 0.4

PREPARED BY:

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ENGINEER:

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QUALITY CONTROL:

D. Kelley

APPROVED:

D. Kelley

DWG CONTROL NO.
P-A1-10475
ACAD\TTC\A1104751.DWGREV
CTELECOMMUNICATION COUPLING
TRANSFORMER

TAMURA CORPORATION OF AMERICA

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TTC-109N-1

MODEL SPECIFICATION

DIM: mm(in) SCL: NONE SH: 1 OF 1

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