

REV. Status

REVISION -
03/28/91HA
RE: TTC-109
WITH NEW
BOBBIN

REVISION A
ADDED
STANDOFF
DIMENSION
1/8/92 HA

REVISION B
TEMECULA
WAS CARSON
ADDED SAFETY
ADDED T-2111
9/28/95 TS

REVISION C
T2111
WAS T-2111
12/5/95 TS

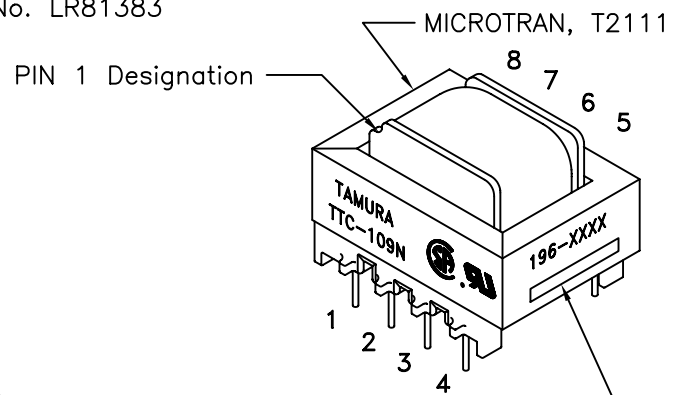
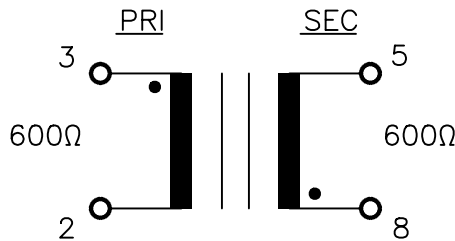
REVISION D
NEW
FORMAT
07/08/98 TS

LOW PROFILE TELECOMMUNICATIONS TRANSFORMER 600:600

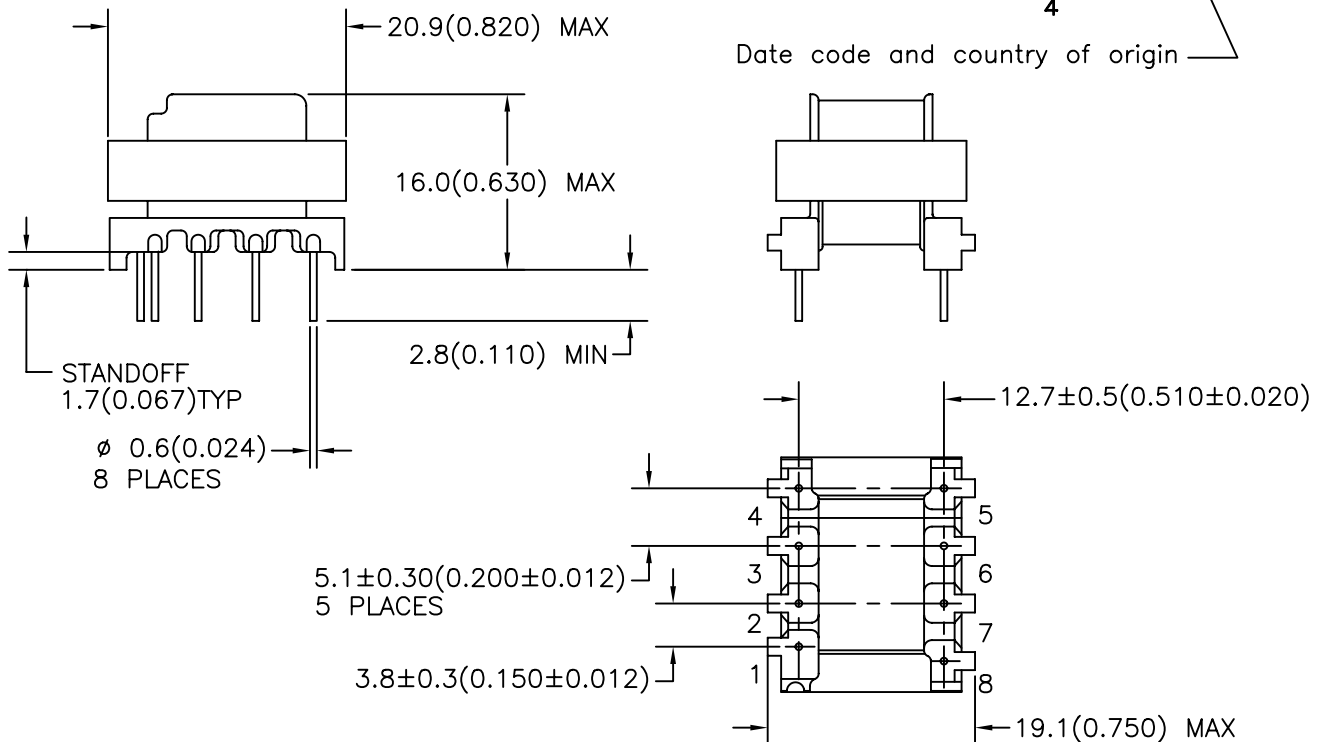


MODEL NUMBER
TTC-109N

- A. Electrical Specifications (at 25° C)
1. Pri Source Impedance; 600Ω
 2. Sec Load Impedance; 600Ω
 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) : (5-8) = 1 : 1.0 ±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, TAMURA, T2111, 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



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APPROVED:

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DWG CONTROL NO.
P-A1-10410
ACAD\TTC\A1104101.DWG

REV
D

TELECOMMUNICATION COUPLING
TRANSFORMER

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TTC-109N

MODEL SPECIFICATION

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

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