

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

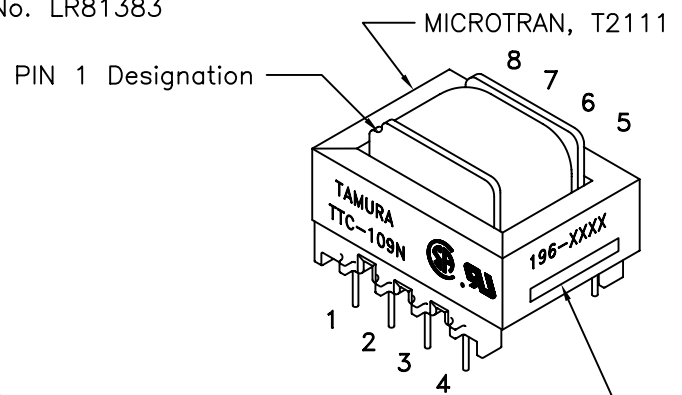
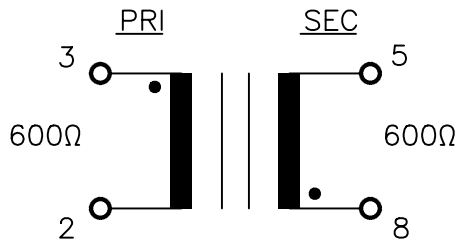
REVISION D  
NEW  
FORMAT  
07/08/98 TS

LOW PROFILE TELECOMMUNICATIONS TRANSFORMER 600:600

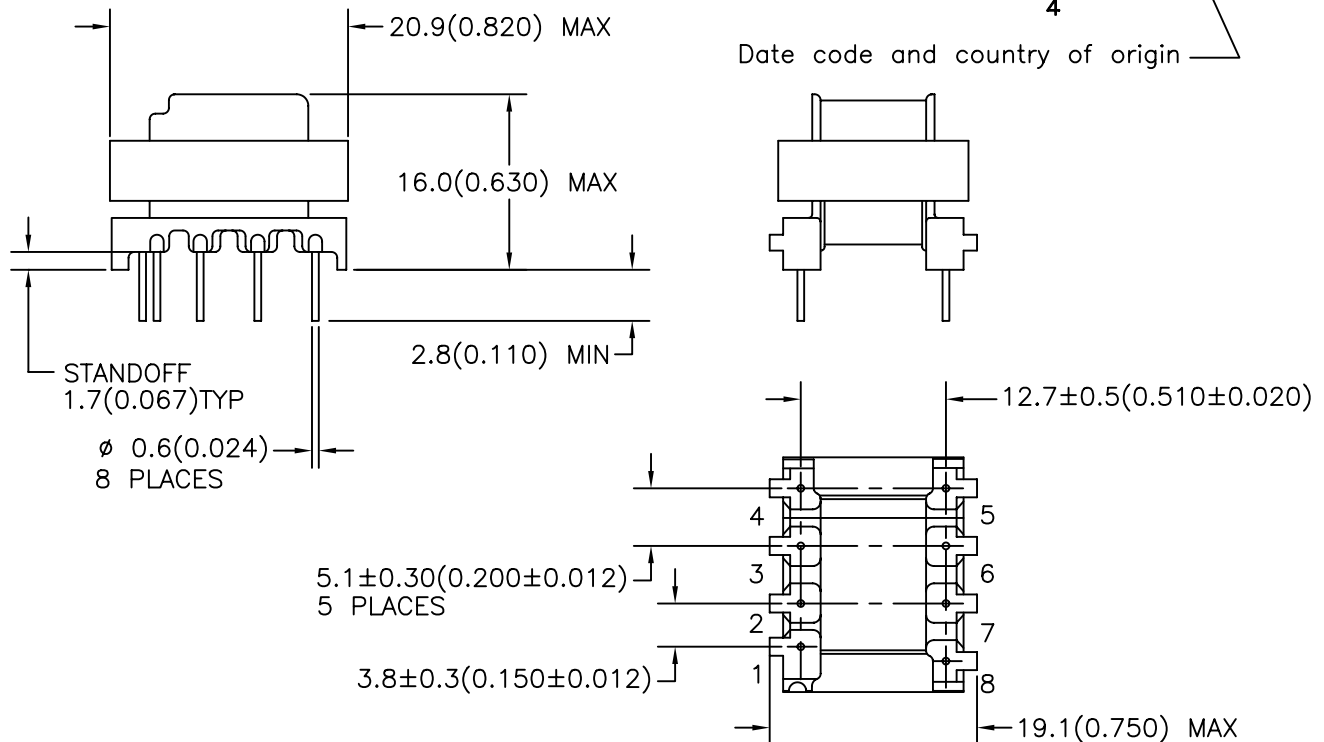


MODEL NUMBER  
TTC-109N

- 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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