

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



UL# E142035

MODEL NUMBER

TTC-109N

A. Electrical Specifications (at 25° C)

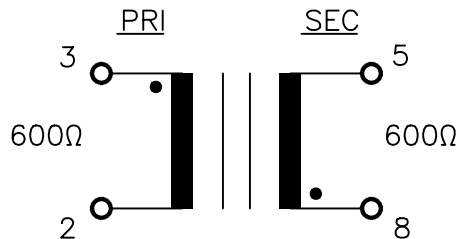
1. Pri Source Impedance; 600Ω
2. Sec Load Impedance; 600Ω
3. Pri DC Current; 90mA MAX (2-3)
4. Operating Level; -45dBm to +10dBm
5. Insertion Loss;
3.0dB MAX from 660Hz to 800Hz, 0dBm, DC90mA
2.5dB MAX from 800Hz to 3.5KHz, 0dBm, DC90mA
6. Frequency Response (Relative to 2KHz);
+0.7, -1.0dB from 660Hz 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

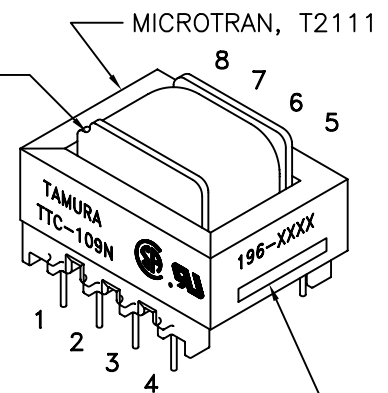
C. Safety; CSA-22.2 No. 66-M1988 File No. LR81383

UL 1863 File No. E142035

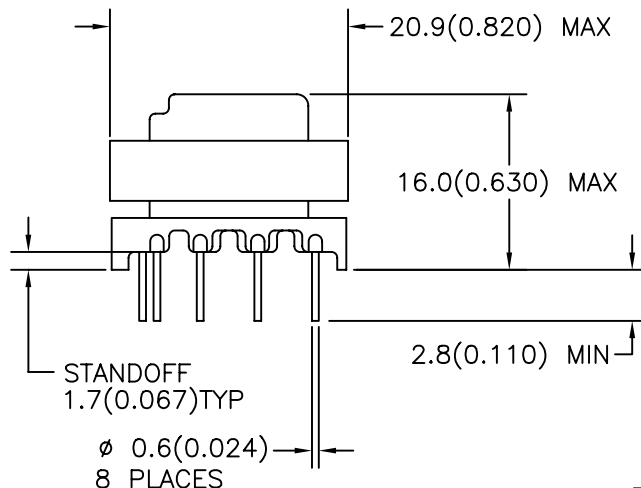
D. Schematic Diagram



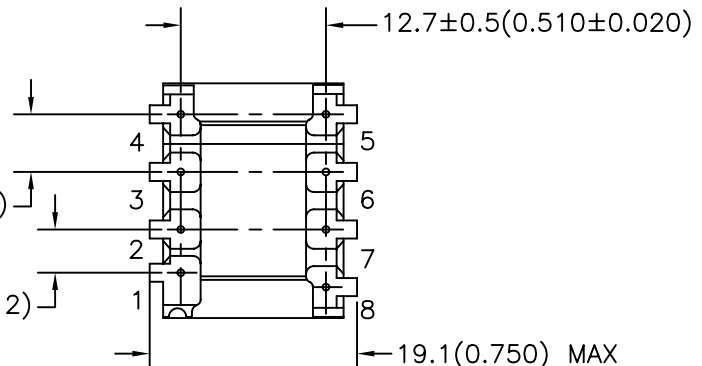
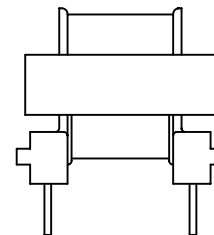
PIN 1 Designation



E. Mechanical Specifications



Date code and country of origin



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APPROVED:

D. Kelley

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

REV
D

TELECOMMUNICATION COUPLING
TRANSFORMER

TAMURA CORPORATION OF AMERICA

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TTC-109N

MODEL SPECIFICATION

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

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