

REV. Status

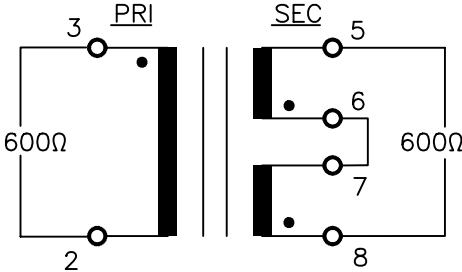
REVISION -
01/09/92 HA

REVISION A
TEMECULA
WAS CARSON
ADDED SAFETY
8/29/95 TS

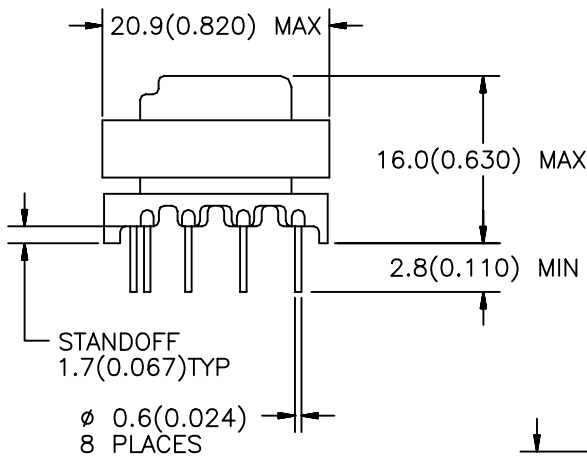
REVISION B
NEW
FORMAT
07/08/98 TS

LOW PROFILE TELECOMMUNICATIONS TRANSFORMER 600:600CT

- A. Electrical Specifications (at 25°C)
1. Pri Source Impedance; 600Ω
 2. Sec Load Impedance; 600Ω split
 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) : (7-8) = 1 : 0.500 ±2%
 10. Dielectric Strength;
1500Vrms, 1 minute from Pri to Sec, Pri to Core
1000Vrms, 1 minute from Sec to Core
150Vrms, 1 minute from Sec to Sec
- B. Marking; TTC-109N-2, TAMURA, date code and country of origin
- C. Safety; CSA-22.2 No. 66-M1988 File No. LR81383
UL 1863 File No. E142035
- D. Schematic Diagram

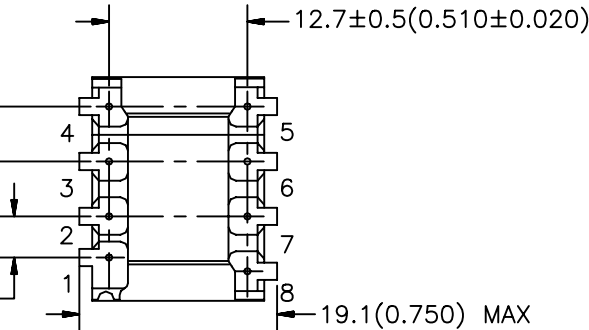
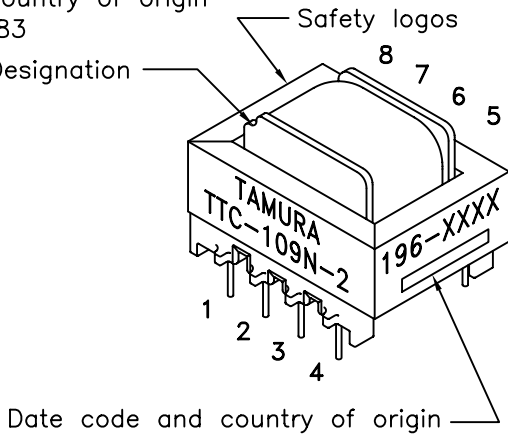


E. Mechanical Specifications



5.1±0.3(0.200±0.012)
5 PLACES

3.8±0.3(0.150±0.012)



MODEL NUMBER

TTC-109N-2

PREPARED BY:

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ENGINEER:

T. Shiozawa

QUALITY CONTROL:

D. Kelley

APPROVED:

D. Kelley

DWG CONTROL NO.
P-A1-10474
ACAD\TTC\A1104741.DWG

REV
B

TELECOMMUNICATION COUPLING
TRANSFORMER

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TTC-109N-2

MODEL SPECIFICATION

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

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