

REVISION -
01/09/92 HAREVISION A
TEMECULA
WAS CARSON
ADDED SAFETY
8/29/95 TSREVISION B
NEW
FORMAT
07/08/98 TSTel: (973) 779-8282
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http://www.trcelectronics.com**TRCELECTRONICS, INC.**
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QUALITY CONTROL:

D. Kelley

APPROVED:

D. Kelley

LOW PROFILE TRANSFORMATIONS TRANSFORMER 600:600CT

A. Electrical Specifications (at 25°C)

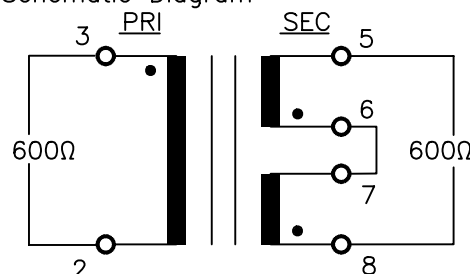
1. Pri Source Impedance; 600Ω
2. Sec Load Impedance; 600Ω split
3. Pri DC Current; 90mA MAX (2-3)
4. Operating Level; -45dBm to +10dBm
5. Insertion Loss;
 - 3.0dB MAX from 660Hz to 800Hz, 0dBm, DC90mA
 - 2.5dB MAX from 800Hz to 3.5KHz, 0dBm, DC90mA
6. Frequency Response (Relative to 2KHz);
 - +0.7, -1.0dB 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) = 71 Ω ±15%
 - (5-8) = 117 Ω ±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

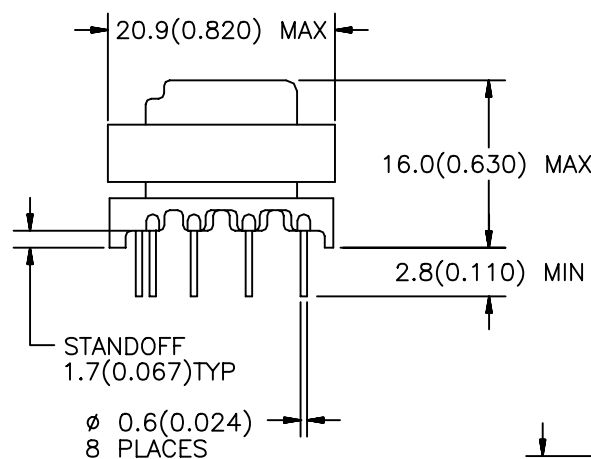
C. Safety; CSA-22.2 No. 66-M1988 File No. LR81383

UL 1863 File No. E142035

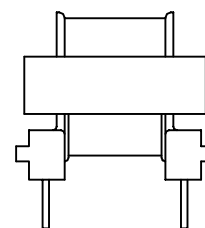
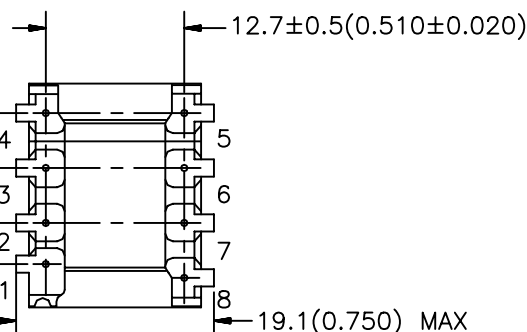
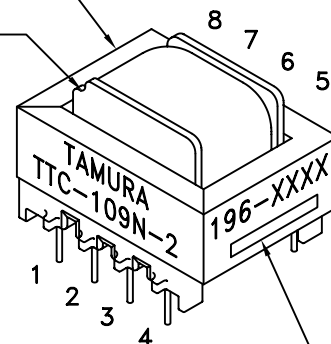
D. Schematic Diagram



E. Mechanical Specifications



Date code and country of origin

Safety logos
PIN 1 DesignationDWG CONTROL NO.
P-A1-10474
ACAD\TTC\A1104741.DWGREV
BTELECOMMUNICATION COUPLING
TRANSFORMERCONTENTS OF THIS DRAWING ARE
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PRIOR NOTICE**TAMURA CORPORATION OF AMERICA**
43352 BUSINESS PARK DRIVE, TEMECULA, CA. 92590-6624**TTC-109N-2**

MODEL SPECIFICATION

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

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UL# E142035

MODEL NUMBER

TTC-109N-2