

REV. Status

REVISION -
01/08/98 HA

REVISION A
TEMECULA
WAS CARSON
ADDED SAFETY
ADDED T-2112
9/27/95 TS

REVISION B
T2112
WAS T-2112
12/4/95 TS

REVISION C
NEW
FORMAT
07/08/98 TS

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TRCELECTRONICS, INC.
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TOLERANCES (mm)	
≤ 4	± 0.2
4 ≤ 20	± 0.3
20 ≤ 50	± 0.4

PREPARED BY:
J. Peterson

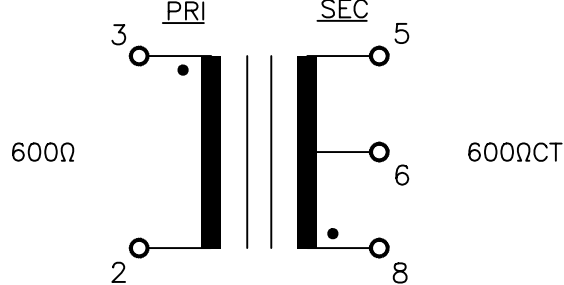
ENGINEER:
T. Shiozawa

QUALITY CONTROL:
D. Kelley

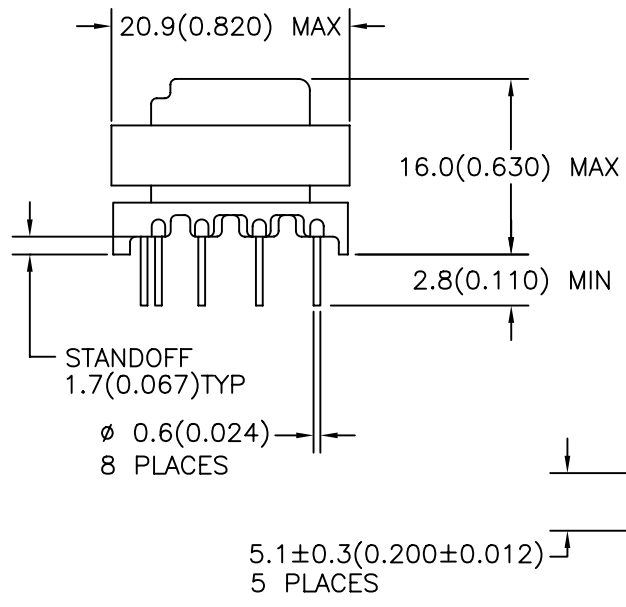
APPROVED:
D. Kelley

LOW PROFILE TRANSFORMER 600:600CT

- A. Electrical Specifications (at 25° C)
1. Pri Source Impedance; 600Ω
 2. Sec Load Impedance; 600Ω CT
 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) : (6-8) = 1 : 0.500 ±2%
 10. Dielectric Strength;
 - 1500Vrms, 1 minute from Pri to Sec, Pri to Core
 - 1000Vrms, 1 minute from Sec to Core
- B. Marking; TTC-109N-1, TAMURA, T2112, 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

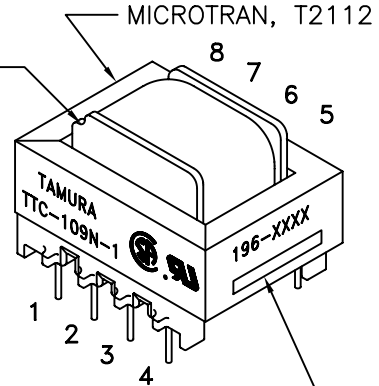


E. Mechanical Specifications

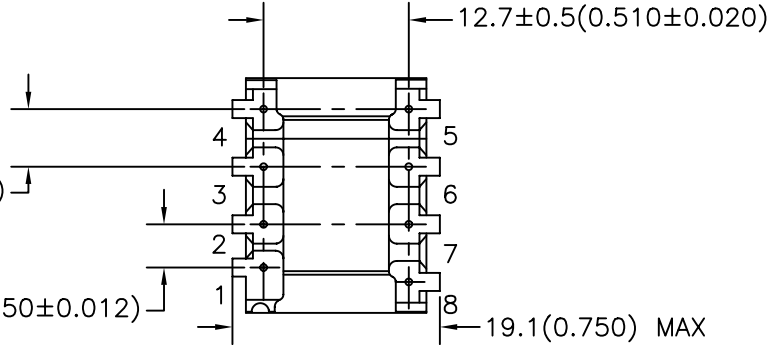
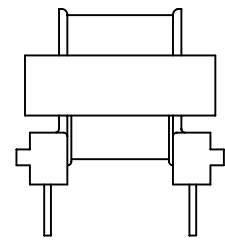


MODEL NUMBER
TTC-109N-1

PIN 1 Designation



Date code and country of origin



DWG CONTROL NO.
P-A1-10475
ACAD\TTC\A1104751.DWG

REV
C

TELECOMMUNICATION COUPLING
TRANSFORMER

TTC-109N-1

CONTENTS OF THIS DRAWING ARE
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PRIOR NOTICE

TAMURA CORPORATION OF AMERICA
43352 BUSINESS PARK DRIVE, TEMECULA, CA. 92590-6624

MODEL SPECIFICATION
DIM: mm(In) | SCL: NONE | SH: 1 OF 1

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