

REV. Status

REVISION -
10/25/84 MS

REVISION A
REVISED AND
REDRAWN ON
CAD/CAM
03/23/92 TS

REVISION B
TEMECULA
WAS CARSON
ADDED STANDOFF
05/13/98 TS

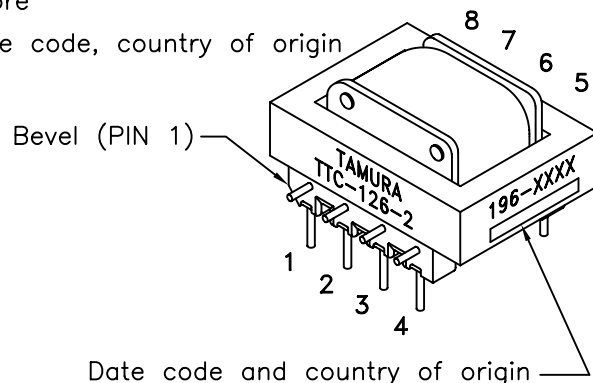
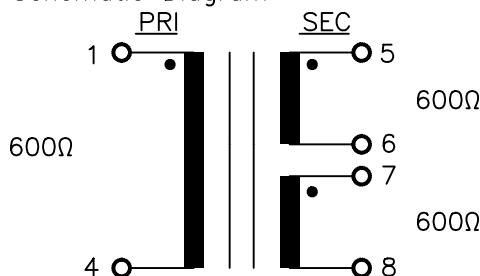
LOW PROFILE FCC68 TELECOMMUNICATION WET COUPLING TRANSFORMER 600:600

A. Electrical Specifications (@ 25°C)

1. Pri Source Impedance; 600Ω
2. Sec Load Impedance; 600Ω / 600Ω Split
3. Pri DC Current; 50mA MAX, (1-4)
4. Operating Level; -45dBm to +10dBm
5. Insertion Loss;
1.0dB MAX @ 1KHz, 0dBm, DC50mA
6. Frequency Response (relative to 1KHz);
±0.5dB @ 300Hz to 3.5KHz, 0dBm, DC50mA
7. Pri Impedance; 600Ω ±15% @ 300Hz to 3.5KHz, 0dBm, DC90mA
8. Longitudinal Balance; 60dB MIN @ 200Hz to 1KHz, 40dB MIN @ 4KHz
9. DC Resistance;
(1-4) = 41Ω ±20%
(5-8) = 96Ω ±20% (6-7 Shorted)
10. Turns Ratio; (1-4) : (5-8) = 1 : 1.41 ±2%
(5-6) : (7-8) = 1 : 1.00 ±2%
11. Dielectric Strength;
1500 Vrms 1 minute @ Pri to Sec, Pri to Core
1000 Vrms 1 minute @ Sec to Core

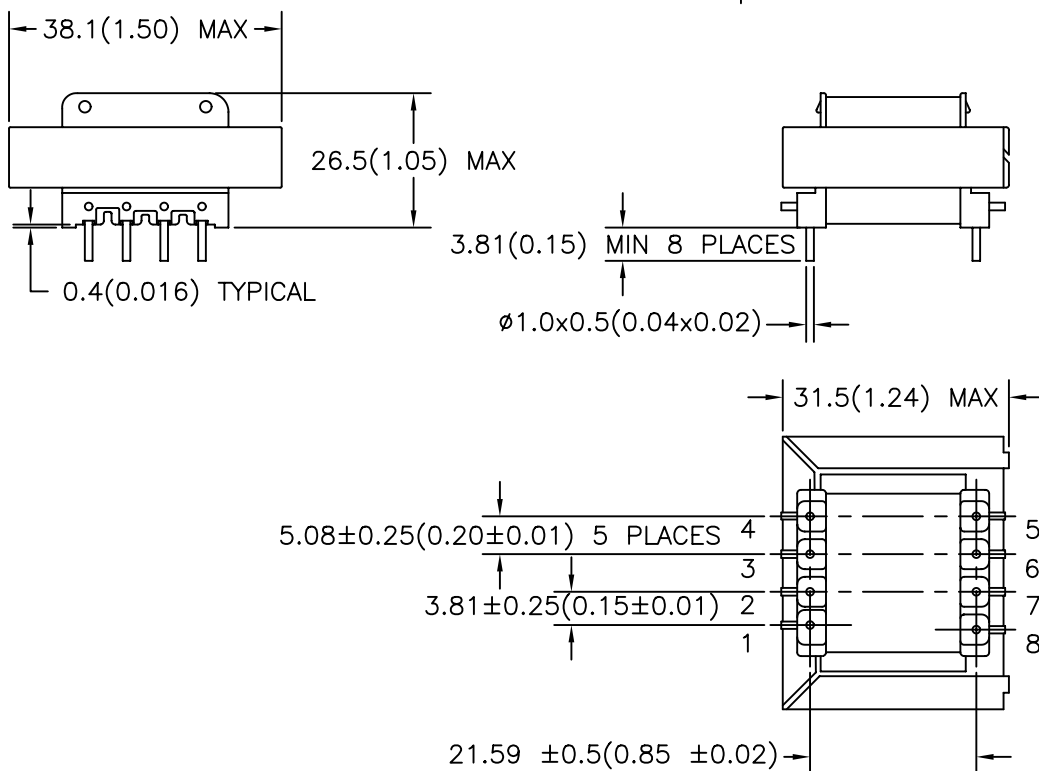
B. Marking; TTC-126-3, TAMURA, 196-date code, country of origin

C. Schematic Diagram



D. Mechanical Specifications;

All dimensions shown are nominal unless otherwise specified



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APPROVED:

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DWG CONTROL NO.
P-A1-10054
ACAD\TTC\A1100541.DWG

REV
B

TELECOMMUNICATION COUPLING
TRANSFORMER

TAMURA CORPORATION OF AMERICA

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TTC-126-3

MODEL SPECIFICATION

DIM: mm(In) SCL: 1/1 SH: 1 OF 1

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MODEL NUMBER

TTC-126-3