

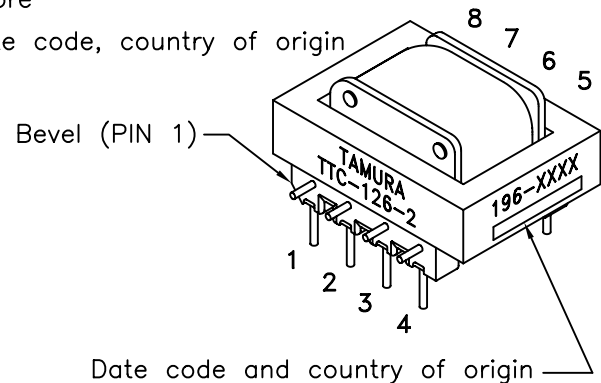
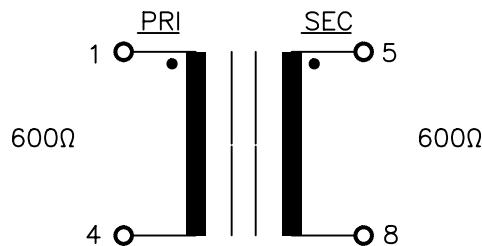
LOW PROFILE FCC68 TELECOMMUNICATION WET COUPLING TRANSFORMER 600:600

A. Electrical Specifications (@ 25°C)

1. Pri Source Impedance; 600 Ω
2. Sec Load Impedance; 600 Ω
3. Pri DC Current; 90mA MAX, (1-4)
4. Operating Level; -45dBm to +10dBm
5. Insertion Loss;
1.0dB MAX @ 1KHz, 0dBm, DC90mA
6. Frequency Response (relative to 1KHz);
 ± 0.7 dB @ 300Hz to 3.5KHz, 0dBm, DC90mA
7. Pri Impedance; 600 $\Omega \pm 15\%$ @ 300Hz to 3.5KHz, 0dBm, DC90mA
8. Longitudinal Balance; 60dB MIN @ 200Hz to 1KHz
40dB MIN @ 4KHz
9. DC Resistance;
(1-4) = 41 $\Omega \pm 20\%$
(5-8) = 54 $\Omega \pm 20\%$
10. Turns Ratio; (1-4) : (5-8) = 1 : 1.00 $\pm 2\%$
11. Dielectric Strength;
1500 Vrms 1 minute @ Pri to Sec, Pri to Core
1000 Vrms 1 minute @ Sec to Core

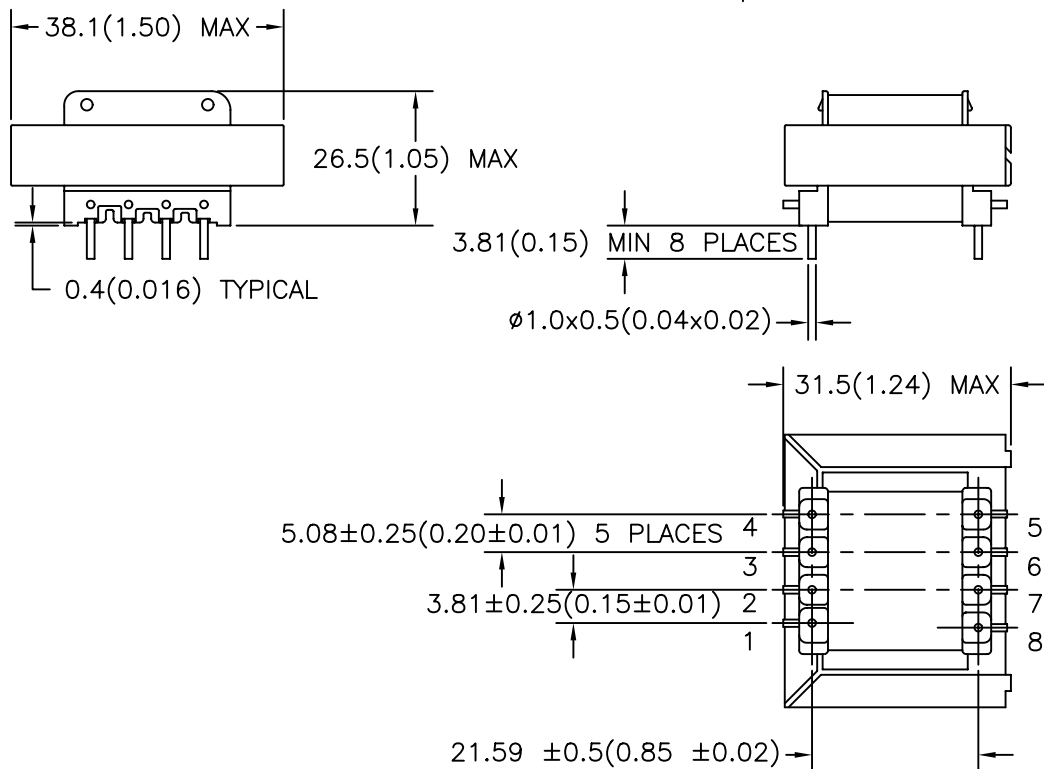
B. Marking; TTC-126-2, TAMURA, 196-date code, country of origin

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-A1-10608
ACAD\TTC\A1106081.DWGREV
ATELECOMMUNICATION COUPLING
TRANSFORMER**TAMURA CORPORATION OF AMERICA**43352 BUSINESS PARK DRIVE, TEMECULA, CA. 92590-6624
(909) 699-1270 FAX 9096769482**TTC-126-2**

MODEL SPECIFICATION

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

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