

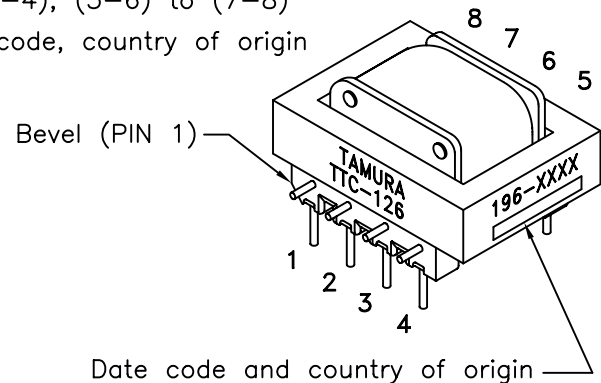
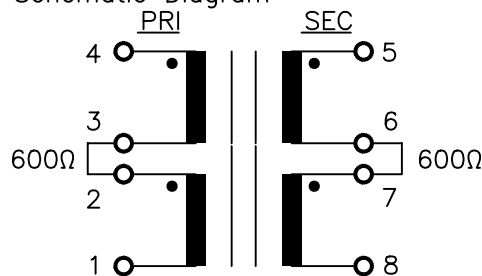
LOW PROFILE FCC68 TELECOMMUNICATION WET COUPLING TRANSFORMER 600CT:600CT

A. Electrical Specifications (@ 25°C)

1. Pri Source Impedance; 600Ω Split
2. Sec Load Impedance; 600Ω Split
3. Pri DC Current; 90mA MAX, (1–4)
4. Operating Level; –45dBm to +7dBm
5. Insertion Loss;
1.0dB MAX @ 1KHz, 0dBm, DC90mA
6. Frequency Response (relative to 1KHz);
±0.7dB @ 300Hz to 4KHz, 0dBm, DC90mA
7. Pri Impedance; 600Ω ±15% @ 300Hz to 4KHz, 0dBm, DC90mA
8. Longitudinal Balance; 60dB MIN @ 200Hz to 1KHz, 40dB MIN @ 4KHz
9. DC Resistance;
(1–4) = 41Ω ±20%
(5–8) = 54Ω ±20%
10. Turns Ratio; (1–4) : (5–8) = 1 : 1.00 ±2%
11. Dielectric Strength;
1500 Vrms 1 minute @ Pri to Sec, Pri to Core
1000 Vrms 1 minute @ Sec to Core
150Vrms 1 minute @ (1–2) to (3–4), (5–6) to (7–8)

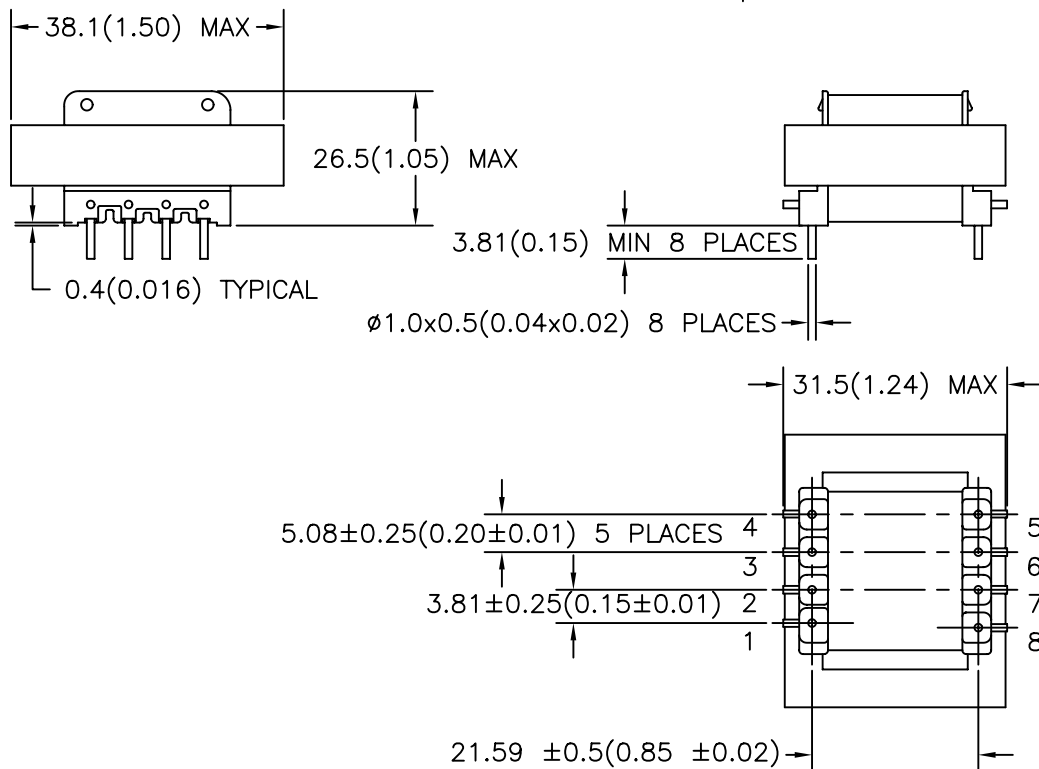
B. Marking; TTC–126, TAMURA, 196–date code, country of origin

C. Schematic Diagram



D. Mechanical Specifications;

All dimensions shown are nominal unless otherwise specified



PREPARED BY:

D. Kelley

ENGINEER:

T. Shiozawa

QUALITY CONTROL:

D. Kelley

APPROVED:

D. Suzuki

DWG CONTROL NO.
P-A1-10349
ACAD\TTC\A1103491.DWGREV
ATELECOMMUNICATION COUPLING
TRANSFORMER**TAMURA CORPORATION OF AMERICA**43352 BUSINESS PARK DRIVE, TEMECULA, CA. 92590-6624
(909) 699-1270 FAX 9096769482**TTC-126**

MODEL SPECIFICATION

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

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