

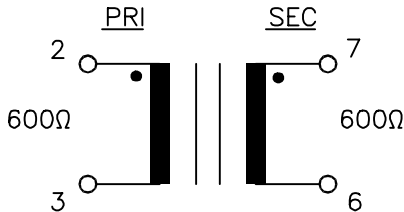
LOW PROFILE TELECOMMUNICATION COUPLING TRANSFORMER

A. Electrical Specifications (@ 25 ° C)

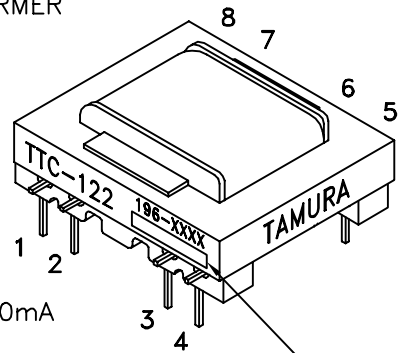
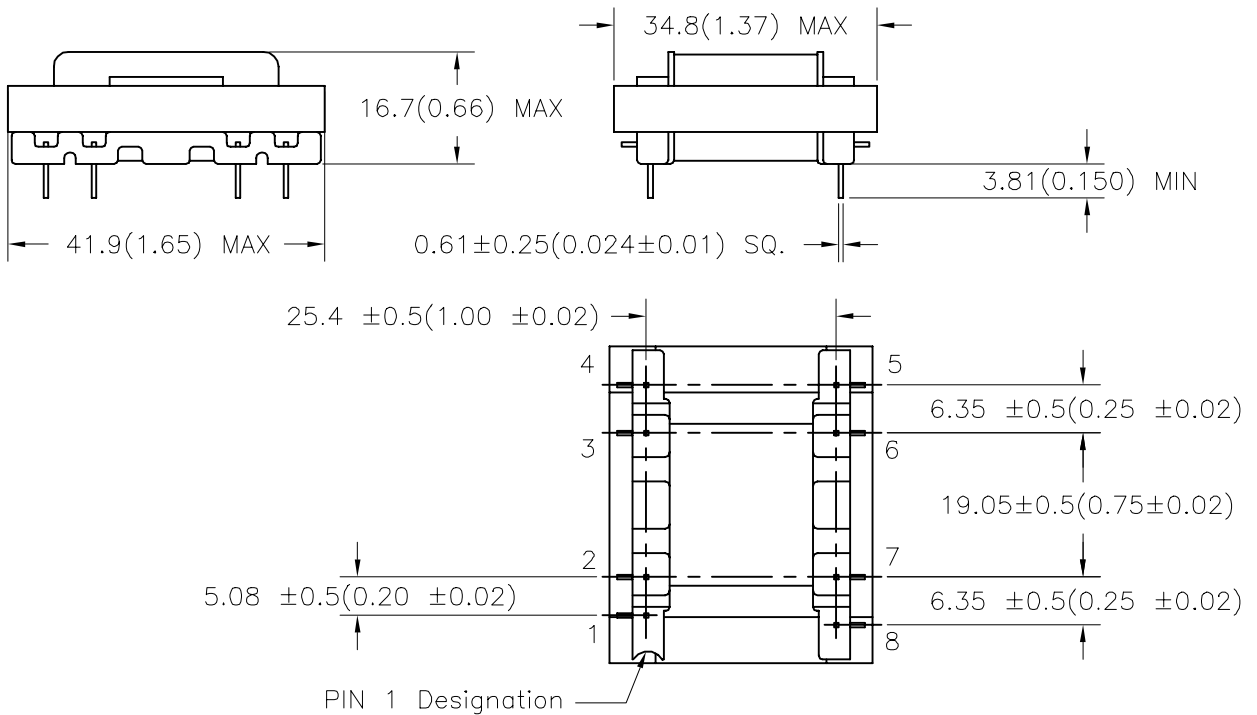
1. Pri Source Impedance; 600 Ω Nominal
2. Sec Load Impedance; 600 Ω
3. Sec DC Current; 80mA MAX (2-3)
4. Operating Level; -45 dBm to +7 dBm
5. Insertion Loss;
1.1 dB TYP @ 1 KHz, 0 dBm, DC80mA
1.5 dB MAX
6. Frequency Response; (relative to 1KHz)
±0.7 dB @ 300 Hz to 3.5 KHz, 0 dBm, DC80mA
7. Return Loss;
22 dB TYP @ approx. 460Ω plus 0.04 uF parallel load
16 dB TYP @ 600Ω load
8. Longitudinal Balance; 60 dB MIN @ 200 Hz to 4 KHz
9. Total Harmonic Distortion; 0.3% MAX @ 300 Hz, 0 dBm, DC80mA
10. DC Resistance;
(2-3)= 60 Ω ±10%
(7-6)= 72 Ω ±10%
11. Turns Ratio;
(2-3) : (7-6) = 1 : 1.00 ±2%
12. Dielectric Strength;
1500 Vrms 1 minute @ Pri to Sec, Pri to Core
1000 Vrms 1 minute @ Sec to Core

B. Marking; TTC-122, TAMURA, date code and country of origin

C. Schematic Diagram



D. Mechanical Specifications



MODEL NUMBER

TTC-122

PREPARED BY:

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ENGINEER:

T. Shiozawa

QUALITY CONTROL:

D. Kelley

APPROVED:

D. Kelley

DRAWING CONTROL NO.
P-A1-10610
ACAD\TTC\A1106101.DWG

REV
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MODEL DESCRIPTION
TELECOMMUNICATION COUPLING
TRANSFORMER

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MODEL SPECIFICATION

TTC-122

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

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