

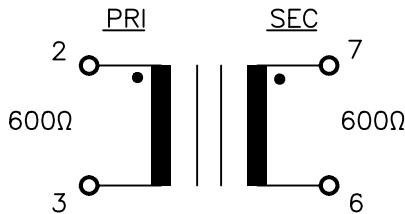
LOW PROFILE TELECOMMUNICATION COUPLING TRANSFORMER

A. Electrical Specifications (@ 25° C)

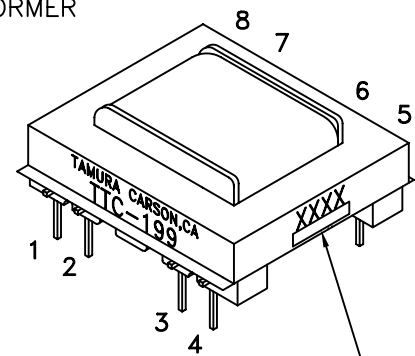
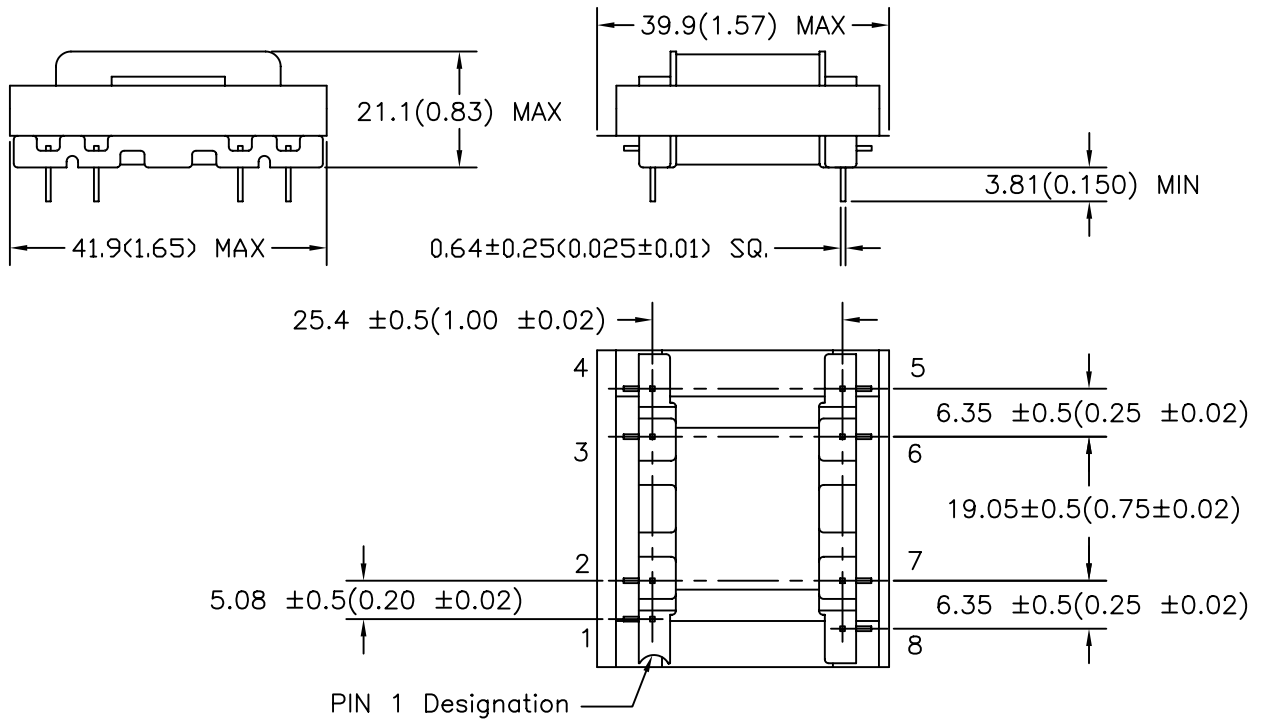
1. Pri Source Impedance; 600 Ω Nominal
2. Sec Load Impedance; 600 Ω
3. Sec DC Current; 70mA MAX (2–3)
4. Operating Level; –45dBm to +7dBm
5. Insertion Loss;
1.2dB TYP @ 1KHz, 0dBm, DC70mA
1.5dB MAX
6. Frequency Response; (relative to 1KHz)
±0.6dB @ 300Hz to 3.5KHz, 0dBm, DC70mA
7. Return Loss;
10dB MIN @ 300Hz, 0dBm, DC70mA
8. Longitudinal Balance; 60dB MIN @ 200Hz to 4KHz
9. Total Harmonic Distortion; 1.0% MAX @ 300Hz, 0dBm, DC70mA
10. DC Resistance;
(2–3)= 66 Ω ±10%
(7–6)= 66 Ω ±10%
11. Turns Ratio;
(2–3) : (7–6) = 1 : 1.00 ±2%
12. Dielectric Strength;
4000 Vrms 1 minute @ Pri to Sec, Pri to Core
2000 Vrms 1 minute @ Sec to Core

B. Marking; TTC–199, TAMURA, date code and country of origin

C. Schematic Diagram



D. Mechanical Specifications



Date code and country of origin

MODEL NUMBER

TTC–199

PREPARED BY:

ENGINEER:

D. Kelley

QUALITY CONTROL:

T. Shiozawa

APPROVED:

D. Kelley

DRAWING CONTROL NO.
P–A1–10158
ACAD\TTC\A1101581.DWG

REV
C

MODEL DESCRIPTION
TELECOMMUNICATION COUPLING
TRANSFORMER

TAMURA CORPORATION OF AMERICA

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MODEL SPECIFICATION

TTC–199

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

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