

REV. Status

REVISION -
12/09/85 MS

REVISION A
03/21/86 MS

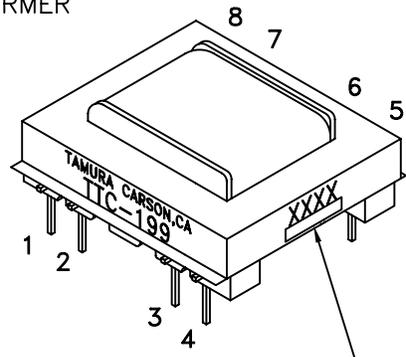
REVISION B
02/26/90 HA

REVISION C
REVISED AND
REDRAWN
ON CAD/CAM
04/27/98 TS

LOW PROFILE TELECOMMUNICATION COUPLING TRANSFORMER

A. Electrical Specifications (@ 25° C)

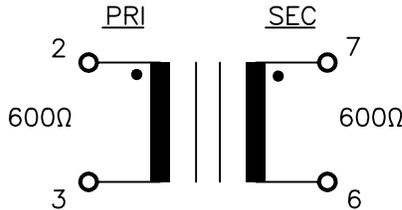
1. Pri Source Impedance; 600 Ω Nominal
2. Sec Load Impedance; 600 Ω
3. Sec DC Current; 70mA MAX (2-3)
4. Operating Level; -45dBm to +7dBm
5. Insertion Loss;
1.2dB TYP @ 1KHz, 0dBm, DC70mA
1.5dB MAX
6. Frequency Response; (relative to 1KHz)
±0.6dB @ 300Hz to 3.5KHz, 0dBm, DC70mA
7. Return Loss;
10dB MIN @ 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



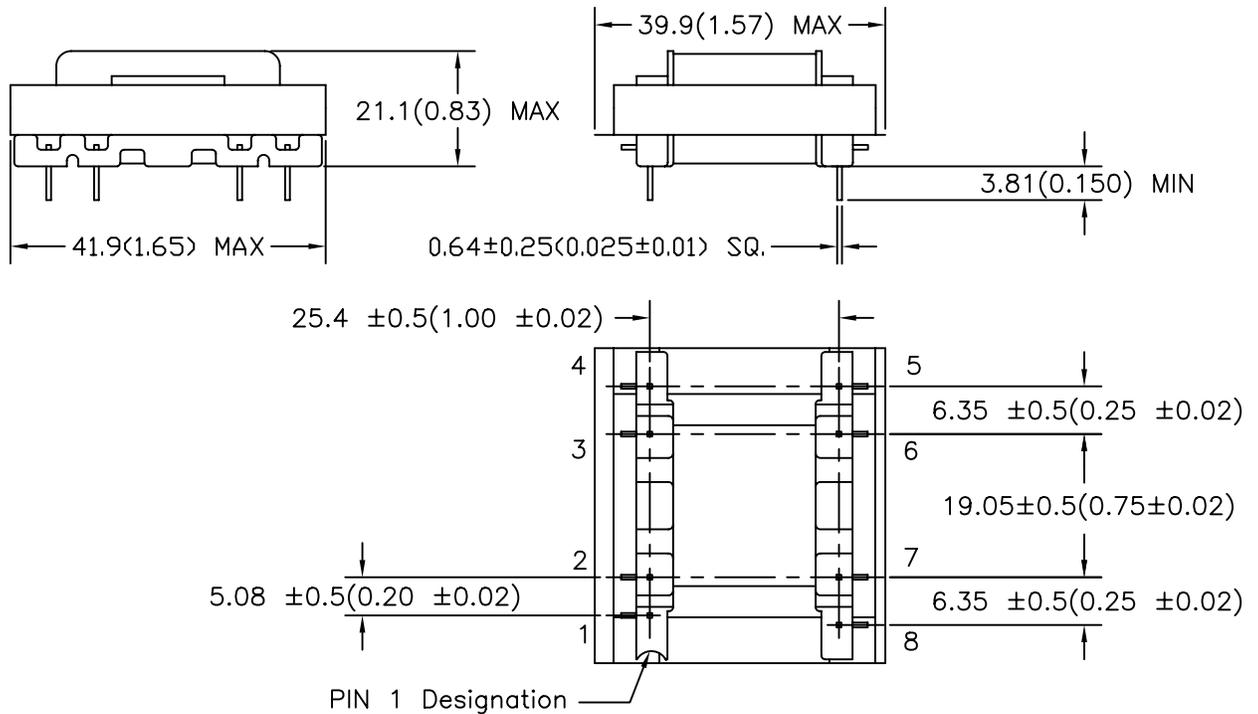
Date code and country of origin

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

C. Schematic Diagram



D. Mechanical Specifications



MODEL NUMBER
TTC-199

PREPARED BY:

ENGINEER: D. Kelley	DRAWING CONTROL NO. P-A1-10158 ACAD\TTC\A1101581.DWG	REV C	MODEL DESCRIPTION TELECOMMUNICATION COUPLING TRANSFORMER	MODEL SPECIFICATION TTC-199
QUALITY CONTROL: T. Shiozawa	CONTENTS OF THIS DRAWING ARE SUBJECT TO CHANGE WITHOUT PRIOR NOTICE TAMURA CORPORATION OF AMERICA 43352 BUSINESS PARK DRIVE, TEMECULA, CA. 92590-6624 (909) 699-1270 FAX 9096769482			DIM: mm(In) SCL: 1/1 SH: 1 OF 1
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