REV. Status
REVISION – 01/08/92 YN
REVISION A TEMECULA WAS CARSON REFORMATTED 05/24/95 TS
REVISION B NEW FORMAT 06/09/97 TS

UL AND CSA HYBRID 600 Ω :600 Ω 0ADC TRANSFORMER

MODEL NUMBER TTC–101

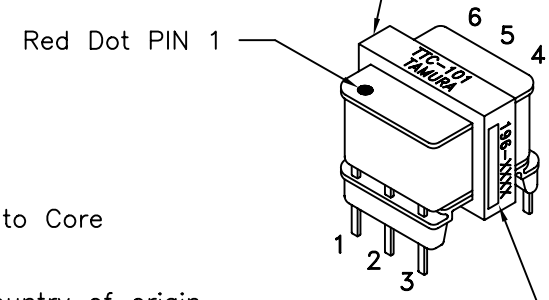
A. Electrical Specifications (@ 25 ° C)

1. Pri Source Impedance; 600 Ω
2. Sec Load Impedance; 600 Ω /600 Ω
3. Operating Level; –45 dBm to +7 dBm
4. Insertion Loss;
   1.2 dB MAX @ 1 KHz, 0 dBm
5. Frequency Response (relative to 1 KHz);
   ±0.5 dB @ 300 Hz to 3.5 KHz, 0 dBm
6. Pri Impedance; 600 Ω ±10% @ 300 Hz to 3.5 KHz, 0 dBm
7. Pri Return Loss; 26 dB MIN @ (ERL measurement)
8. Longitudinal Balance; 60 dB MIN @ 200 Hz to 4 KHz
9. Total Harmonic Distortion; 0.5% MAX @ 300 Hz to 3.5 KHz, 0 dBm
10. DC Resistance;
    (1–6)= 47 Ω ±20%
    (3–4)= 35 Ω ±20%
    (2–5)= 35 Ω ±20%
11. Turns Ratio;
    (1–6) : (3–4) = 1 : 0.741 ±2%
    (1–6) : (2–5) = 1 : 0.741 ±2%
12. Dielectric Strength;
    1500 Vrms, 1 minute @ Pri to Sec, Pri to Core
    1000 Vrms, 1 minute @ Sec to Core
    150 Vrms, 1 minute @ Sec to Sec

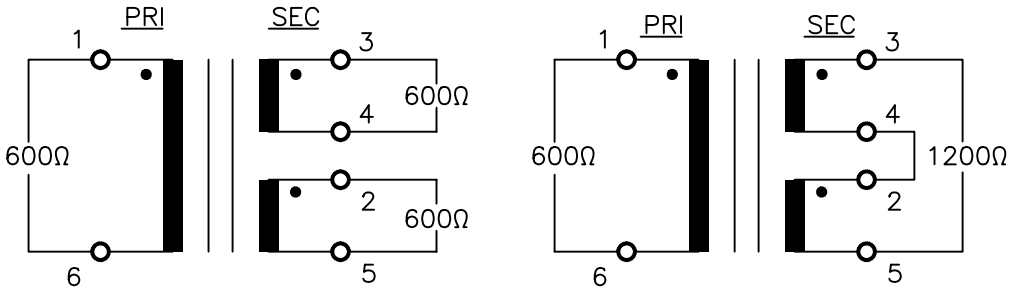
B. Marking; TTC–101, TAMURA, date code and country of origin

C. Safety: CSA C22.2 No. 66–M1988 File No. LR81383
UL 1863 File No. E142035

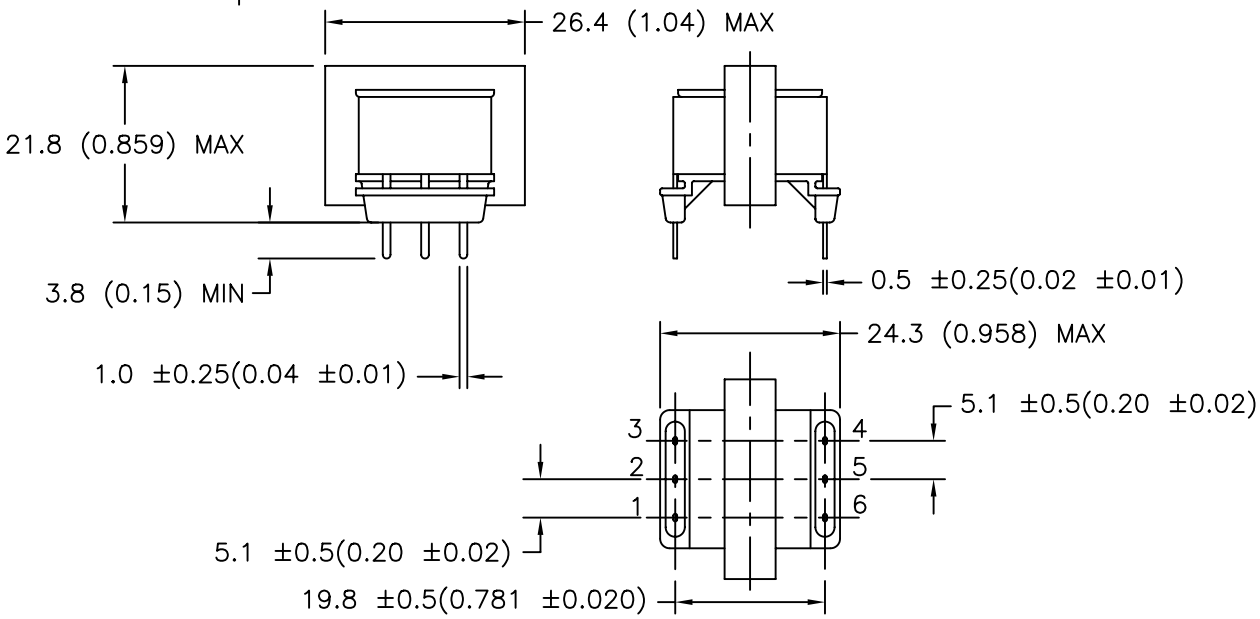
SAFETY APPROVAL LOGOS



D. Schematic Diagram



E. Mechanical Specifications



PREPARED BY: K. Brennan					
ENGINEER: T. Shiozawa	DRAWING CONTROL NO. P–A1–10342 ACAD\TTC\A1103421.DWG	REV B	MODEL DESCRIPTION TELECOMMUNICATION COUPLING TRANSFORMER	MODEL SPECIFICATION TTC–101	
QUALITY CONTROL: D. Kelley	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
APPROVED: D. Suzuki					