REV. Status
REVISION – 01/09/92 HA
REVISION A TEMECULA WAS CARSON ADDED SAFETY 8/29/95 TS
REVISION B NEW FORMAT 07/08/98 TS

LOW PROFILE TELECOMMUNICATIONS TRANSFORMER 600:600CT

UL# E142035

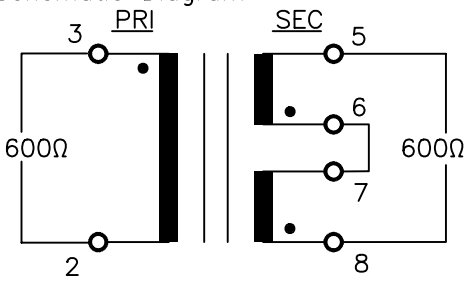
MODEL NUMBER TTC-109N-2

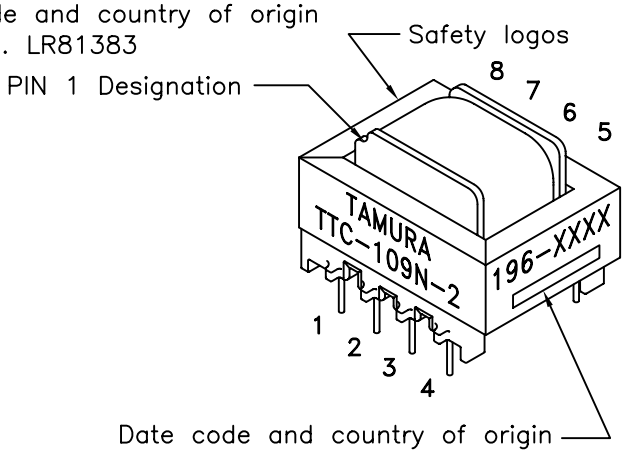
A. Electrical Specifications (at 25°C)
1. Pri Source Impedance; 600Ω
2. Sec Load Impedance; 600Ω split
3. Pri DC Current; 90mA MAX (2–3)
4. Operating Level; −45dBm to +10dBm
5. Insertion Loss;
   3.0dB MAX from 660Hz to 800Hz, 0dBm, DC90mA
   2.5dB MAX from 800Hz to 3.5KHz, 0dBm, DC90mA
6. Frequency Response (Relative to 2KHz);
   +0.7, −1.0dB from 660Hz to 800Hz, 0dBm, DC90mA
   ±0.7dB from 800Hz to 3.5KHz, 0dBm, DC90mA
7. Longitudinal Balance; 60dB MIN from 200Hz to 4KHz
8. DC Resistance;
   (2–3) = 71Ω ±15%
   (5–8) = 117Ω ±15%
9. Turns Ratio; (2–3) : (5–6) = 1 : 0.500 ±2%
   (2–3) : (7–8) = 1 : 0.500 ±2%
10. Dielectric Strength;
    1500Vrms, 1 minute from Pri to Sec, Pri to Core
    1000Vrms, 1 minute from Sec to Core
    150Vrms, 1 minute from Sec to Sec

B. Marking; TTC–109N–2, TAMURA, date code and country of origin

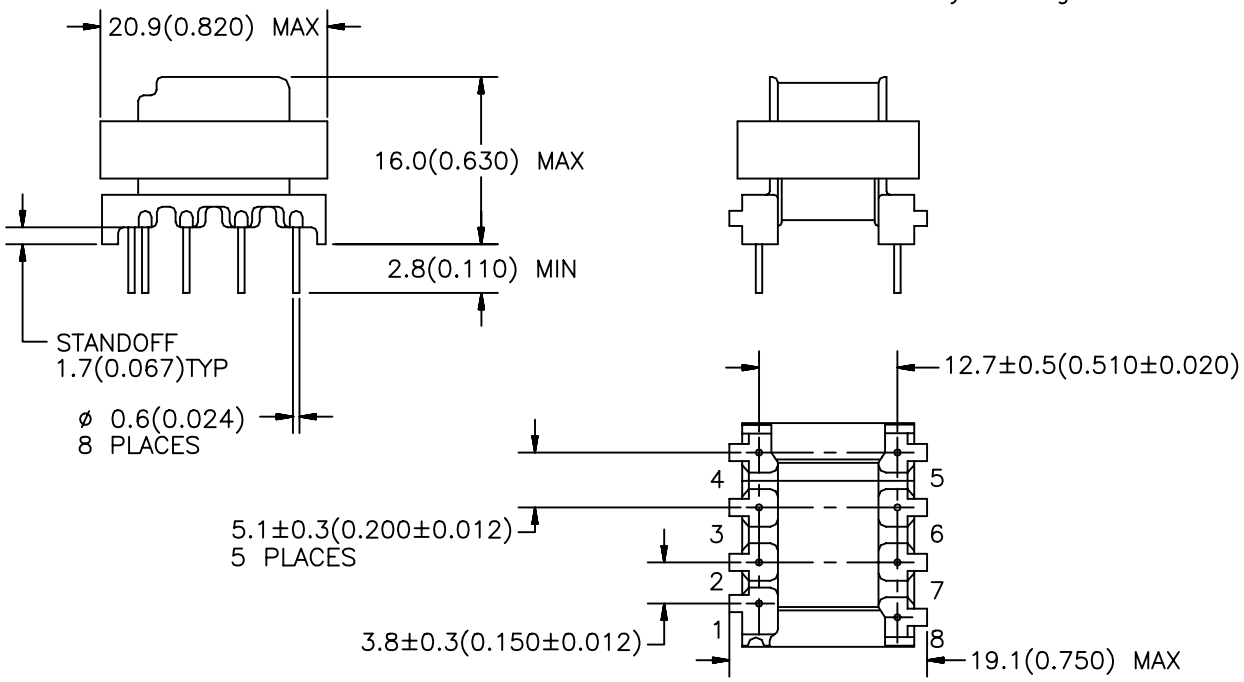
C. Safety; CSA–22.2 No. 66–M1988 File No. LR81383
UL 1863 File No. E142035

D. Schematic Diagram





E. Mechanical Specifications



PREPARED BY:					
J. Peterson					
ENGINEER: T. Shiozawa	DWG CONTROL NO. P–A1–10474 ACAD\TTC\A1104741.DWG	REV B	TELECOMMUNICATION COUPLING TRANSFORMER	TTC–109N–2 MODEL SPECIFICATION	
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: NONE / SH: 1 OF 1
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