TAMURA

REV. Status

REVISION –
11/29/00 MP

REVISION A
REV'D DCR
TOLERANCE
09/08/04 MP

REVISION B
ADDED RoHS
08/17/05 MP

TELECOMMUNICATION MODEM COUPLING TRANSFORMER

MODEL NUMBER
TTC–294

RoHS COMPLIANT

A. Electrical Specifications (@ 25° C)

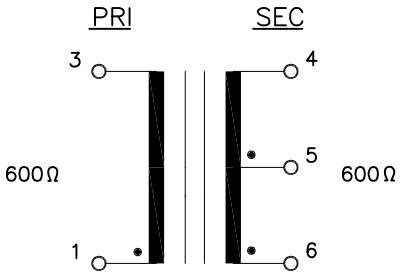
1. Primary Impedance; 600Ω
2. Secondary Impedance; 600Ω
3. Insertion Loss: 1.20dB MAX @ 1KHz, 1Vrms
4. Frequency Response; ±0.16dB @ 300Hz to 3.5KHz, 1Vrms
5. Inductance; 1.5H MIN (Lp) @ 1KHz, 1.0Vrms
   measured (1–3)
6. Leakage Inductance; 2.0mH (Ls) MAX @ 10KHz, 0.1Vrms
   measured (1–3) with 6 & 4 shorted
7. DC Resistance;
   (1–3) : 58Ω ±15%
   (6–5) : 14Ω ±15%
   (5–4) : 62Ω ±15%
8. Turns Ratio; (6–4):(1–3)=1:1±2%
   (1–3):(5–4)=1:0.8±2%
9. Dielectric Strength; 1850V 1 second, Pri–Sec

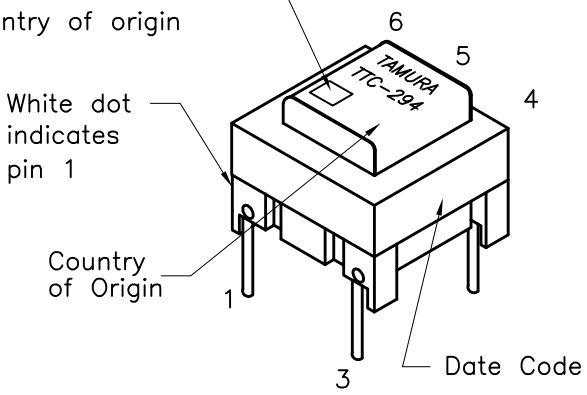
B. Marking; TTC–294, TAMURA, date code and country of origin

C. Safety; UL1950 3rd Edition

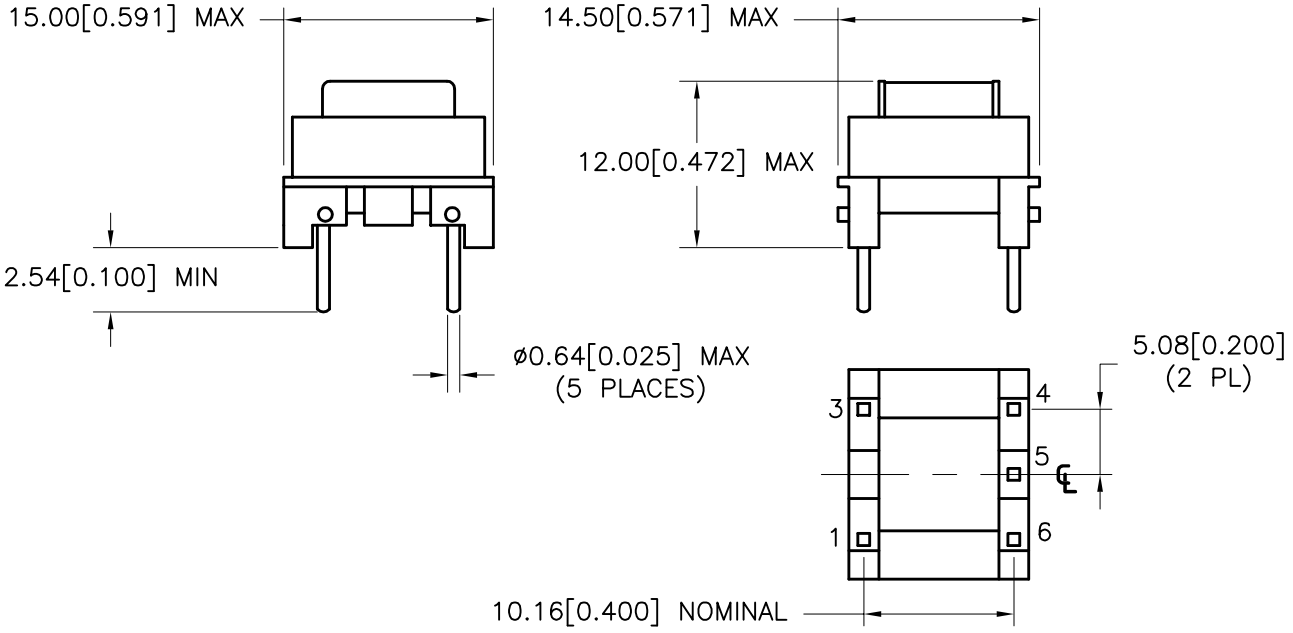
Safety Logo ® UL# E208555

D. Schematic;





E. Mechanical Specifications;



PREPARED BY:
K. BRENNAN

ENGINEER: M. PITCHAI	DWG CONTROL NO. P–A1–12413 ACAD\TTC\A1124131.DWG	REV B	TELECOMMUNICATION MODEM COUPLING TRANSFORMER	TTC–294 MODEL SPECIFICATION	
QUALITY CONTROL: T. CLEM	CONTENTS OF THIS DRAWING ARE SUBJECT TO CHANGE WITHOUT PRIOR NOTICE		TAMURA CORPORATION OF AMERICA 43352 BUSINESS PARK DRIVE, TEMECULA, CA. 92590–6624 (951) 699–1270 FAX 9516769482	DIM: mm(In)	SCL: 2/1 SH: 1 OF 1
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