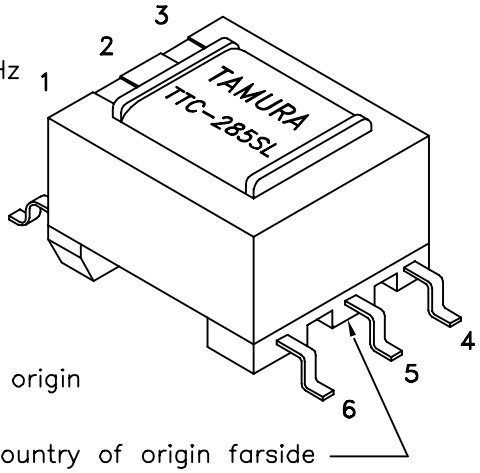
REV. Status

REVISION –
06/18/96 TS

A. Electrical specifications (@ 25 ° C)
1. Pri Source Impedance; 600 Ω ±10%
2. Sec Load Impedance; 520 Ω
3. MAX Output Power; 3 dBm (2 mW)
4. Frequency Response; ±0.5 dB 300 Hz to 3.5 KHz
5. DC Unbalance; 0 mA
6. Return Loss; 22 dB MIN @ 300 Hz to 3.5 KHz
7. Insertion Loss; 1.5 dB MAX @ 1 KHz
8. Longitudinal Balance; 60 dB MIN @ 300 Hz to 3.5 KHz
9. DC Resistance;
(1–3) = 50 Ω ±15%
(4–6) = 55 Ω ±15%
10. Turns Ratio;
(1–3) : (4–6) = 1 : 1
11. Dielectric Strength;
1000 Vrms 1 minute @ Pri to Sec, Pri to Core
500 Vrms 1 minute @ Sec to Core
12. Total Harmonic Distortion; 0.5% MAX

FILE #E138028

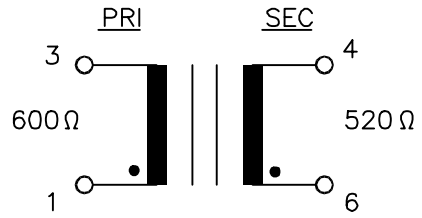


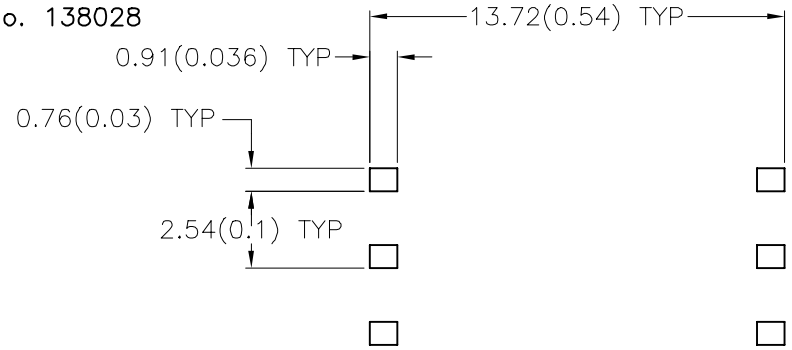
B. Marking; TTC–285SL, TAMURA, date code and country of origin

Date code and country of origin farside

C. Safety; CSA–C22.2 No. 950–M89 File No. 138028
UL1459, UL1950 File No. 138028

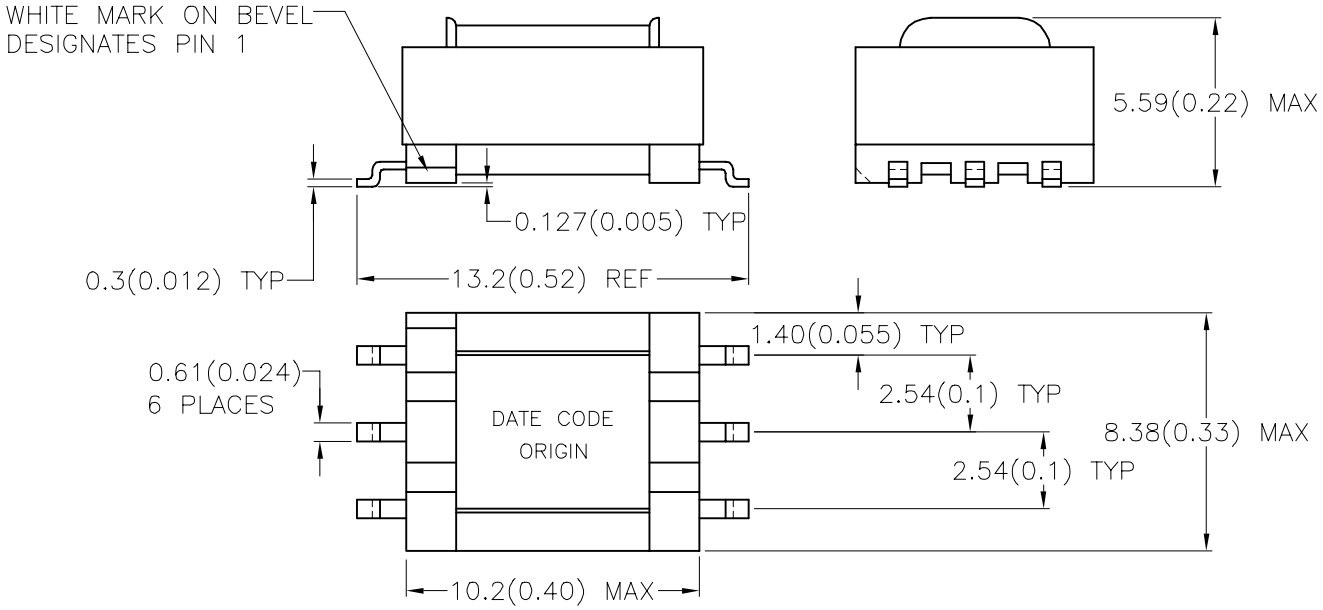
D. Schematic diagram





MOUNTING FOOTPRINT

E. Mechanical specifications
All dimensions shown are nominal unless otherwise specified
Terminal coplanarity; 0.10(0.004)



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TTC–285SL ACAD\TTC\A1113921.DWG	TELECOMMUNICATION SURFACE MOUNT DRY COUPLING TRANSFORMER	CONTROL SPECIFICATION P–A1–11392	REV –	
CONTENTS OF THIS DRAWING ARE SUBJECT TO CHANGE CONTROL	TAMURA CORPORATION OF AMERICA 43352 BUSINESS PARK DRIVE, TEMECULA, CA. 92590–6624 (909) 699–1270 FAX 9096769482	DIM: mm(In)	SCL: 4/1	SH: 1 OF 1