

REV. Status

ISSUE 1
11/18/94 TS

ISSUE 2
T.H.D. -82dB TYP
WAS -76dB MAX
UPDATED AGENCY
APPROVALS AND
DIMENSIONS
11/18/94 TS

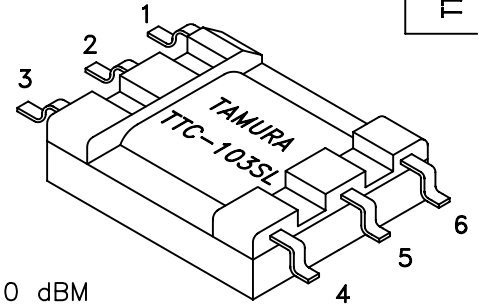
ISSUE 3
ADDED
P/N TSL103
08/21/97 TS

SURFACE MOUNT TELECOMMUNICATION TRANSFORMER

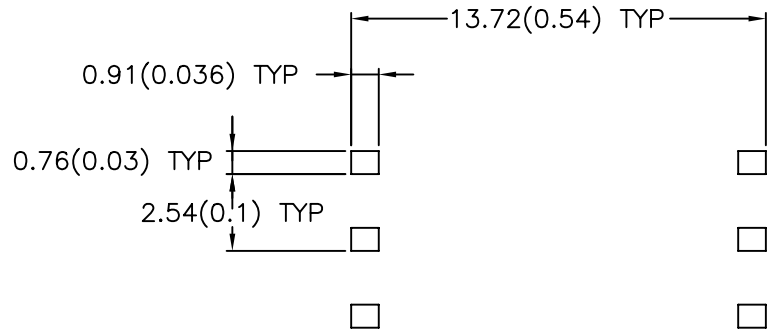
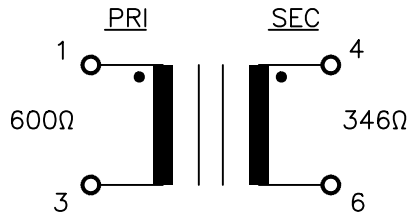
- A. Electrical specifications (@ 25 ° C)
1. Pri source impedance; 600 Ω
 2. Sec load impedance; 346 Ω
 3. MAX output power; 3.6 dBm (2.3mW)
 4. Frequency response; +0.15, -0.35 dB 300 Hz to 3.5 KHz
 5. DC unbalance; 0 mA
 6. Return loss; 25 dB MIN @ 300 Hz to 3.5 KHz
 7. Insertion loss; 2.7 dB ±0.4 dB @ 1 KHz
 8. Longitudinal balance; 60 dB MIN @ 200 Hz to 4 KHz
 9. DC resistance;
 - (1-3) = 127 Ω ±15%
 - (4-6) = 150 Ω ±15%
 10. Turns ratio;
 - (1-3) : (4-6) = 1 : 1.00 ±2%
 11. Dielectric strength;
 - 1000 Vrms 1 minute @ Pri to Sec, Pri to Core
 - 500 Vrms 1 minute @ Sec to Core
 12. Total harmonic distortion; -82 dB TYP @ 600 Hz, -10 dBm
- B. Marking; TTC-103SL, TAMURA, date code and country of origin or TSL103, TAMURA and date code
- C. Safety; CSA-C22.2 No. 950-M89 File No. 138028
UL1459, UL1950 File No. 138028



MODEL NUMBER
TTC-103SL or TSL103



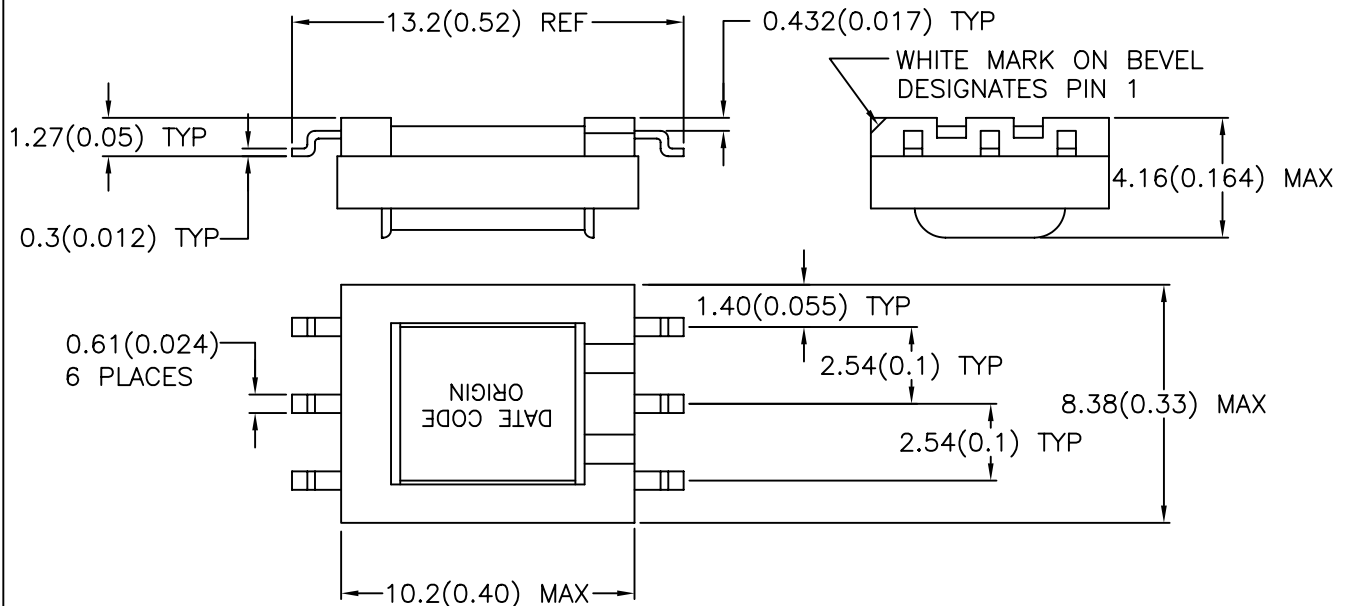
D. Schematic diagram



MOUNTING FOOTPRINT

E. Mechanical specifications

All dimensions shown are nominal unless otherwise specified



PREPARED BY: D. Kelley	DWG CONTROL NO. P-A1-11082 ACAD\TTC\A1110821.DWG	REV B	TELECOMMUNICATION SURFACE MOUNT DRY COUPLING TRANSFORMER	TTC-103SL or TSL103		
ENGINEER: T. Shiozawa	CONTENTS OF THIS DRAWING ARE SUBJECT TO CHANGE WITHOUT PRIOR NOTICE			MODEL SPECIFICATION		
APPROVED: D. Kelley	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
PROPRIETARY NOTICE: THIS DRAWING PRINT OR DOCUMENT AND SUBJECT MATTER DISCLOSED HEREIN ARE PROPRIETARY ITEMS TO WHICH TAMURA RETAINS THE EXCLUSIVE RIGHT OF DISSEMINATION, REPRODUCTION, MANUFACTURE AND SALE. THIS DRAWING, PRINT OR DOCUMENT IS SUBMITTED IN CONFIDENCE FOR CONSIDERATION BY THE RECIPIENT ALONE UNLESS PERMISSION FOR FURTHER DISCLOSURE IS EXPRESSLY GRANTED IN WRITING.						