

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

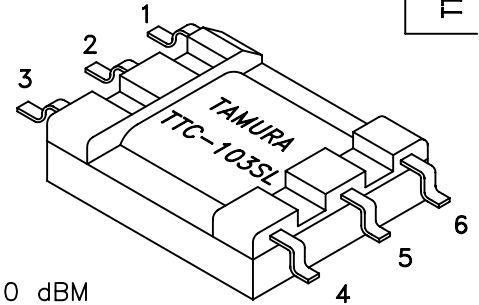
ISSUE 3  
ADDED  
P/N TSL103  
08/21/97 TS

SURFACE MOUNT TELECOMMUNICATION TRANSFORMER

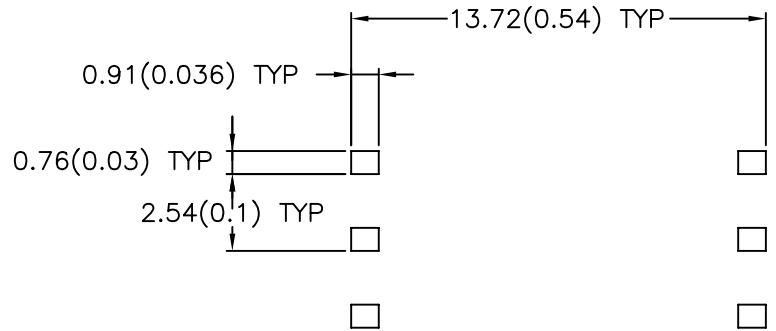
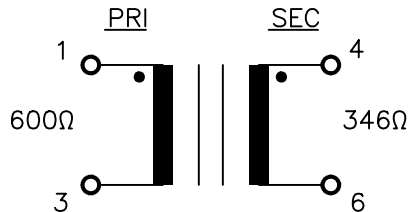
- A. Electrical specifications (@ 25 ° C)
1. Pri source impedance; 600 Ω
  2. Sec load impedance; 346 Ω
  3. MAX output power; 3.6 dBm (2.3mW)
  4. Frequency response; +0.15, -0.35 dB 300 Hz to 3.5 KHz
  5. DC unbalance; 0 mA
  6. Return loss; 25 dB MIN @ 300 Hz to 3.5 KHz
  7. Insertion loss; 2.7 dB ±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



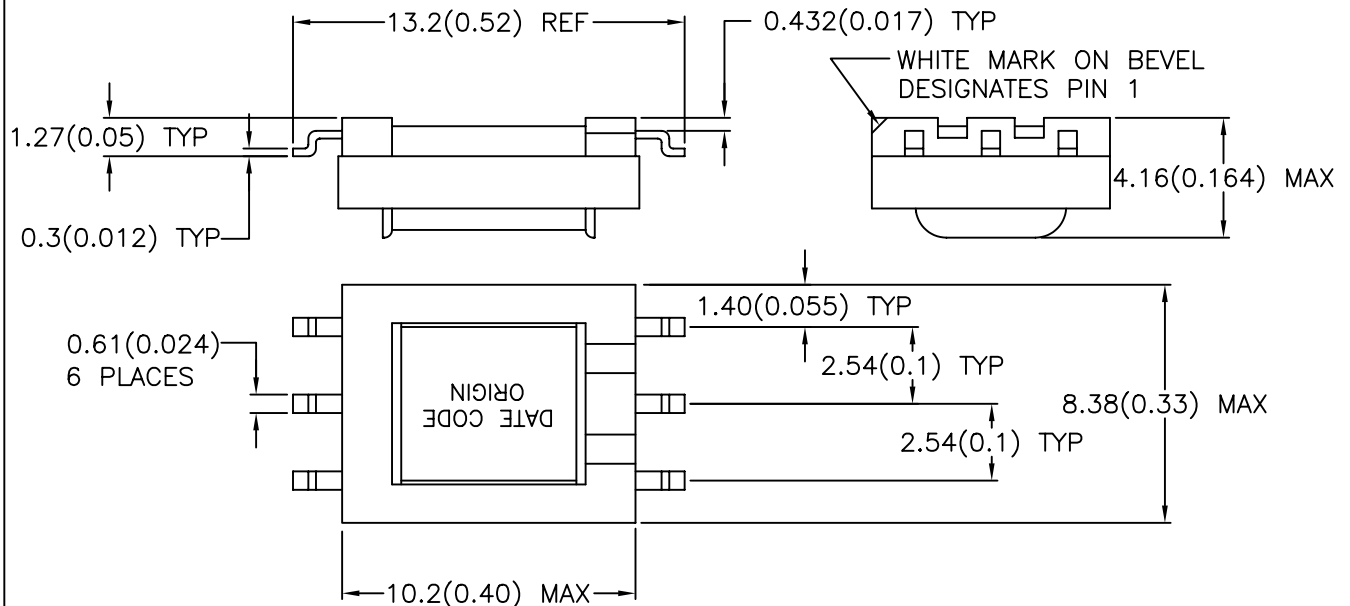
D. Schematic diagram



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
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