

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

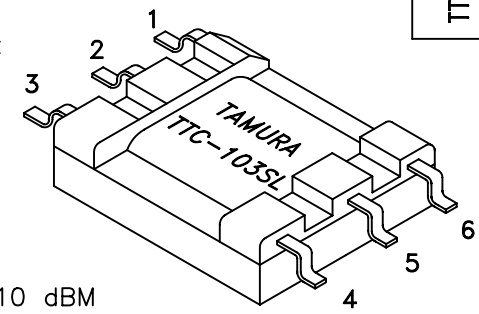
TRCELECTRONICS, INC.
"Authorized Distributor"
135 Pasadena Ave.
Lodi, NJ 07644 USA
Tel: (973) 779-8282
Fax: (973) 779-1490
sales@trcelectronics.com
http://www.trcelectronics.com

SURFACE MOUNT TELECOMMUNICATION TRANSFORMER

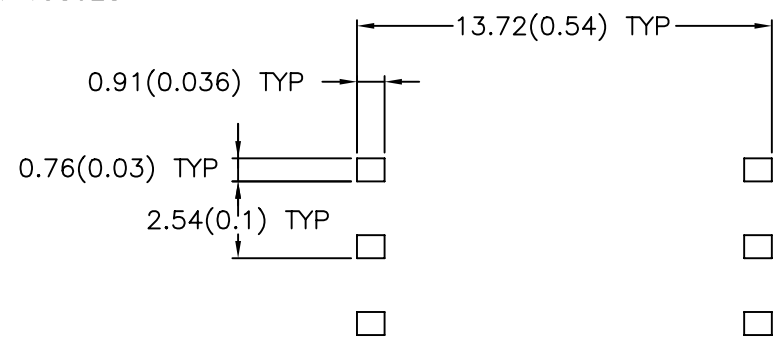
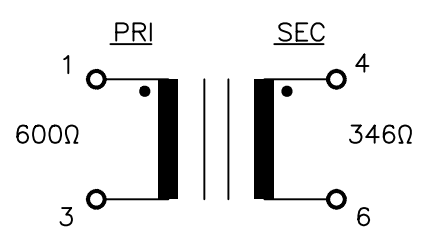
- A. Electrical specifications (@ 25 ° C)
1. Pri source impedance; 600 Ω
 2. Sec load impedance; 346 Ω
 3. MAX output power; 3.6 dBm (2.3mW)
 4. Frequency response; +0.15, -0.35 dB 300 Hz to 3.5 KHz
 5. DC unbalance; 0 mA
 6. Return loss; 25 dB MIN @ 300 Hz to 3.5 KHz
 7. Insertion loss; 2.7 dB ±0.4 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



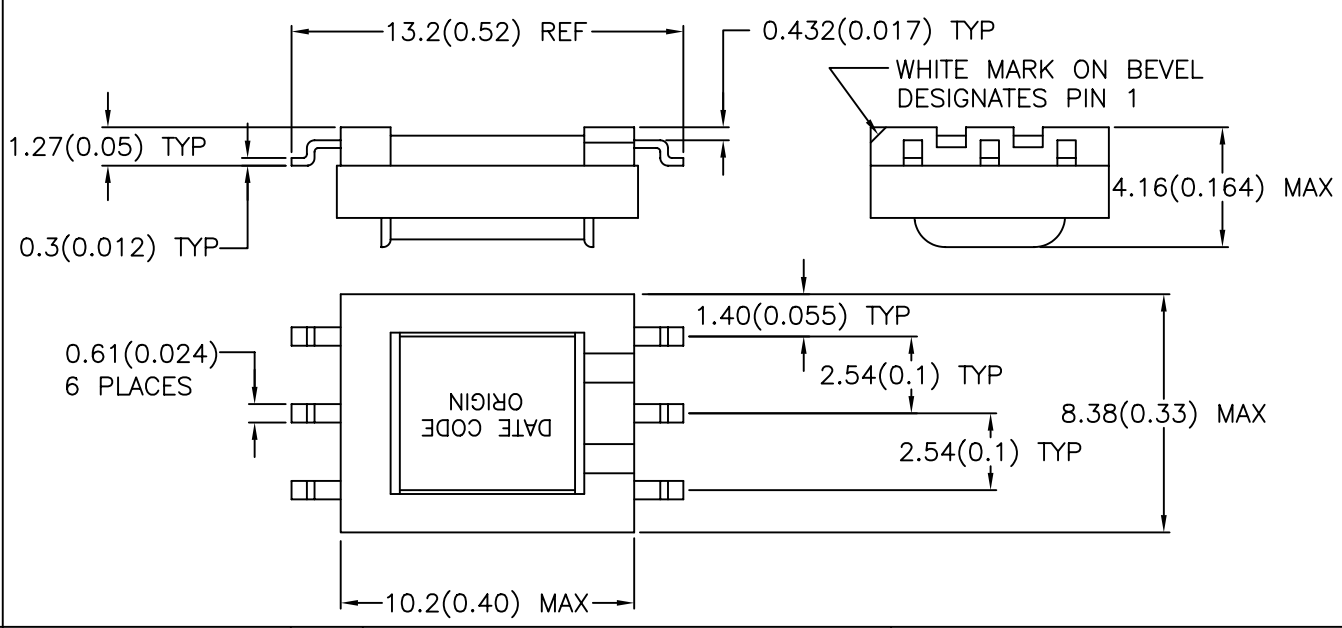
D. Schematic diagram



MOUNTING FOOTPRINT

E. Mechanical specifications

All dimensions shown are nominal unless otherwise specified



PREPARED BY:
D. Kelley
ENGINEER:
T. Shiozawa
APPROVED:
D. Kelley

DWG CONTROL NO.
P-A1-11082
ACAD\TTC\A1110821.DWG
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PRIOR NOTICE

REV
B
TELECOMMUNICATION SURFACE MOUNT
DRY COUPLING TRANSFORMER
TAMURA CORPORATION OF AMERICA

TTC-103SL or TSL103
MODEL SPECIFICATION
DIM: mm(in) SCL: 4/1 SH: 1 OF 1

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