TAMURA

MODEL NUMBER TTC-03

REV. Status

REVISION – 01/08/92 HA

REVISION A TEMECULA WAS CARSON ADDED SAFETY UPDATED NP REVISED DIM 20.3(0.80)MAX WAS 19.8(0.781)MAX 01/06/96 TS

REVISION B CHANGED A.8 10/08/02 MP

REVISION C ADDED RoHS. UL1459 WAS UL1863 10/17/06 MP

A. Electrical Specifications (@ 25 ° C)

1. Pri Source Impedance; 600 Ω CT
2. Sec Load Impedance; 600 Ω CT
3. Operating Level; −45dBm to +7dBm
4. Insertion Loss;
   1.2dB MAX @ 1KHz, 0dBm
5. Frequency Response (relative to 1KHz);
   ±0.5dB @ 300Hz to 3.5KHz, 0dBm
6. Primary Impedance; 600 Ω ±10% @ 300Hz to 3.5KHz, 0dBm
7. Return Loss; 26dB MIN (ERL measurement)
8. Longitudinal Balance; 60dB MIN @ 200Hz to 1KHz
   40dB MIN @ 4KHz
9. DC Resistance;
   (1−3)= 46Ω MAX
   (4−6)= 63Ω MAX
10. Turns Ratio; (1−3) : (4−6) = 1 : 1.06 ±2%
11. Dielectric Strength;
    1500Vrms, 1 minute @ Pri to Sec, Pri to Core
    1000Vrms, 1 minute @ Sec to Core

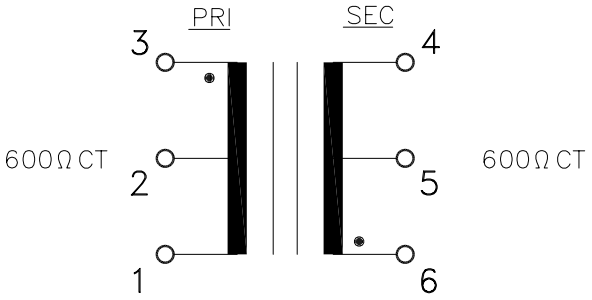
ROHS COMPLIANT

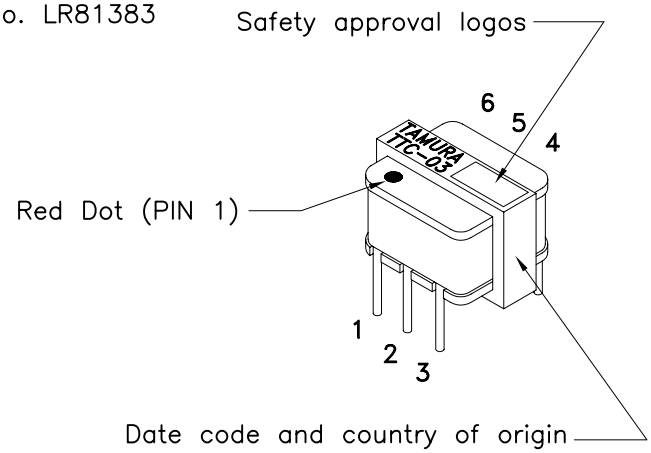
UL# E142035

B. Marking; TTC−03, TAMURA, date code, country of origin, and safety agency logos

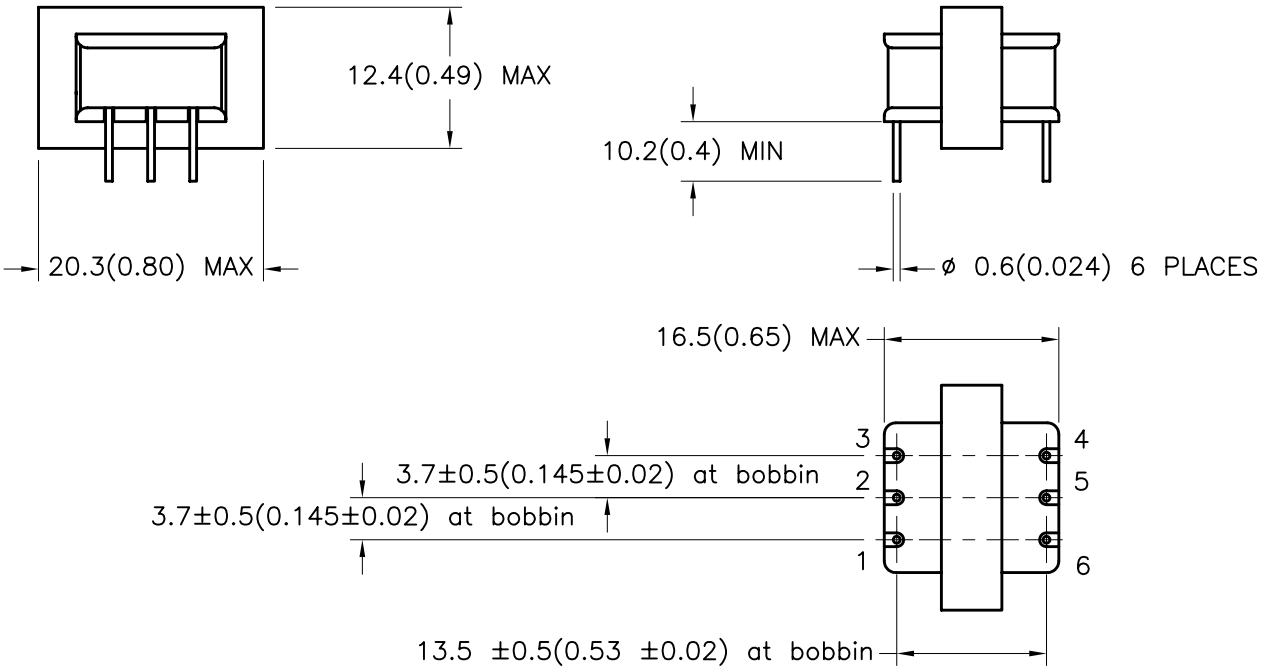
C. Safety: CSA C22.2 No. 66−M1988 File No. LR81383
UL 1459 File No. E142035

D. Schematic Diagram





E. Mechanical Specifications



TOLERANCES (mm)
≦ 4 ± 0.2
4 ≦ 20 ± 0.3
20 ≦ 50 ± 0.4

PREPARED BY: K. BRENNAN

ENGINEER: M. PITCHAI

QUALITY CONTROL: T. CLEM

APPROVED: Y. SEKIGUCHI

DWG CONTROL NO. P−A1−10519
ACAD\TTC\A1105191.DWG

REV C

TELECOMMUNICATION COUPLING TRANSFORMER

CONTENTS OF THIS DRAWING ARE SUBJECT TO CHANGE WITHOUT PRIOR NOTICE

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TTC−03

MODEL SPECIFICATION

DIM: mm[In] | SCL: 1/1 | SH: 1 OF 1