

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

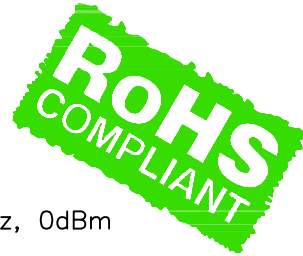
REVISION B
CHANGED
A.8
10/08/02 MP

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

REVISION D
DC RES. ±20%
WAS MAX. ADDED
"2ND EDITION" TO
UL 1459
01/18/08 YS

A. Electrical Specifications (@ 25°C)

- Pri Source Impedance; 600 Ω CT
- Sec Load Impedance; 600 Ω CT
- Operating Level; -45dBm to +7dBm
- Insertion Loss;
1.2dB MAX @ 1KHz, 0dBm
- Frequency Response (relative to 1KHz);
±0.5dB @ 300Hz to 3.5KHz, 0dBm
- Primary Impedance; 600Ω ±10% @ 300Hz to 3.5KHz, 0dBm
- Return Loss; 26dB MIN @ 300Hz 0dBm
- Longitudinal Balance; 60dB MIN @ 200Hz to 1KHz
40dB MIN @ 4KHz
- DC Resistance;
(1-3)= 46Ω ± 20%
(4-6)= 63Ω ± 20%
- Turns Ratio; (1-3) : (4-6) = 1 : 1.06 ±2%
- Dielectric Strength;
1500Vrms, 1 minute @ Pri to Sec, Pri to Core
1000Vrms, 1 minute @ Sec to Core



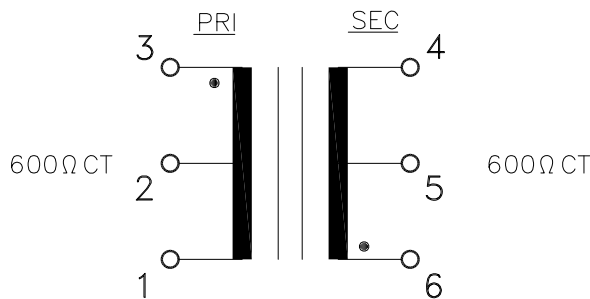
MODEL NUMBER
TTC-03



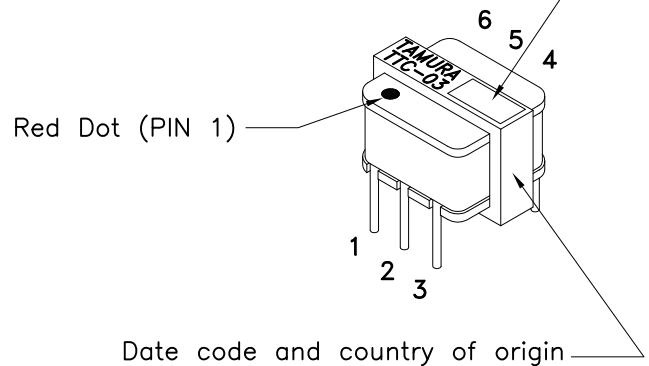
B. Marking; TTC-03, TAMURA, date code, country of origin, and safety agency logos

C. Safety: CSA C22.2 No. 66-M1988 File No. 081383
UL 1459 2nd Edition File No. E142035

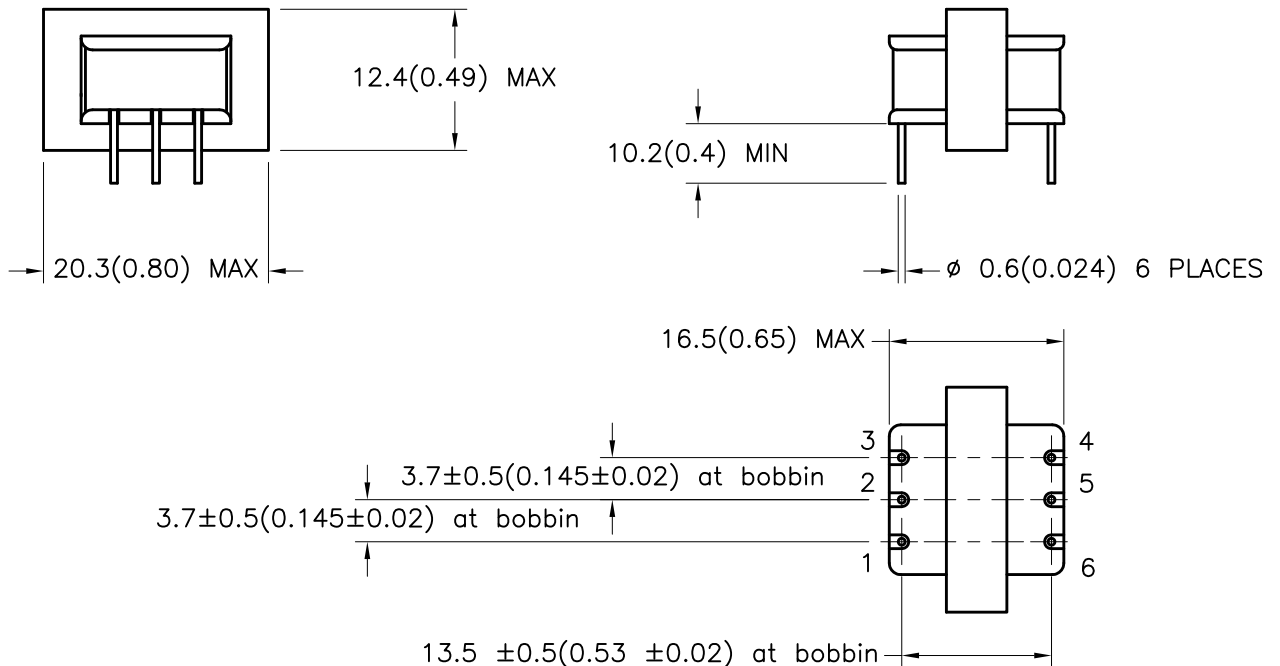
D. Schematic Diagram



Safety approval logos



E. Mechanical Specifications



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

PREPARED BY:

K. BRENNAN

ENGINEER:
M. PITCHAI

DWG CONTROL NO. REV
P-A1-10519 D
ACAD\TTC\A1105191.DWG

TELECOMMUNICATION COUPLING
TRANSFORMER

TTC-03

SAFETY ENGINEER
B. OCONNELL

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PRIOR NOTICE

TAMURA CORPORATION OF AMERICA
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MODEL SPECIFICATION
DIM: mm[In] SCL: 1/1 SH: 1 OF 1

APPROVED:
Y. SEKIGUCHI

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