

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);
 ± 0.5 dB @ 300Hz to 3.5KHz, 0dBm
6. Primary Impedance; 600 $\Omega \pm 10\%$ @ 300Hz to 3.5KHz, 0dBm
7. Return Loss; 26dB MIN @ 300Hz 0dBm
8. Longitudinal Balance; 60dB MIN @ 200Hz to 1KHz
40dB MIN @ 4KHz
9. DC Resistance;
(1-3) = 46 $\Omega \pm 20\%$
(4-6) = 63 $\Omega \pm 20\%$
10. Turns Ratio; (1-3) : (4-6) = 1 : 1.06 $\pm 2\%$
11. Dielectric Strength;
1500Vrms, 1 minute @ Pri to Sec, Pri to Core
1000Vrms, 1 minute @ Sec to Core



UL# E142035

MODEL NUMBER

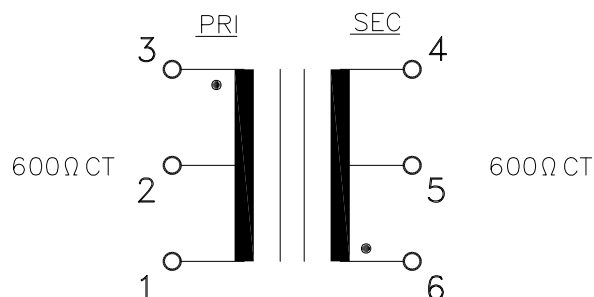
TTC-03

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

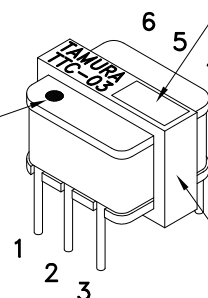
C. Safety: CSA C22.2 No. 66-M1988 File No. 081383 UL 1459 2nd Edition File No. E142035

Safety approval logos

D. Schematic Diagram

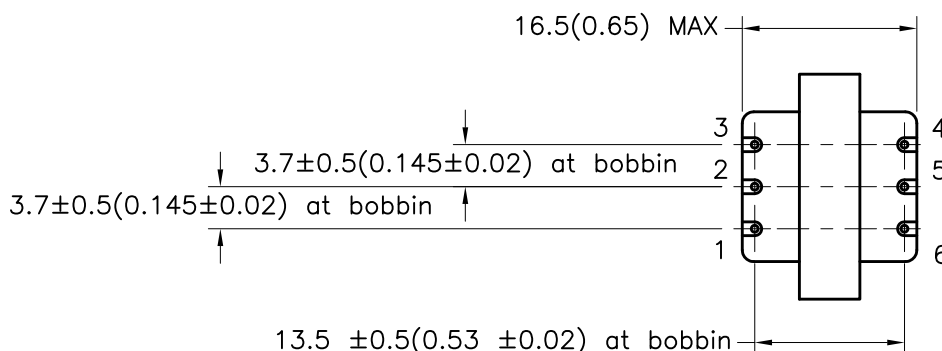
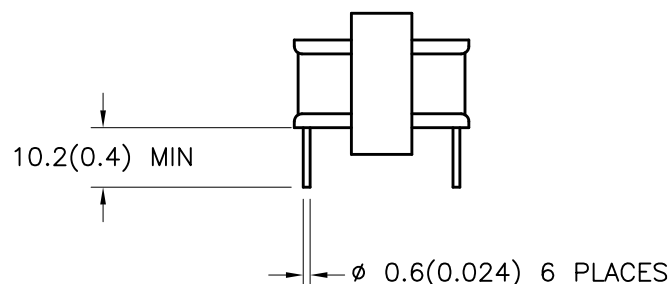
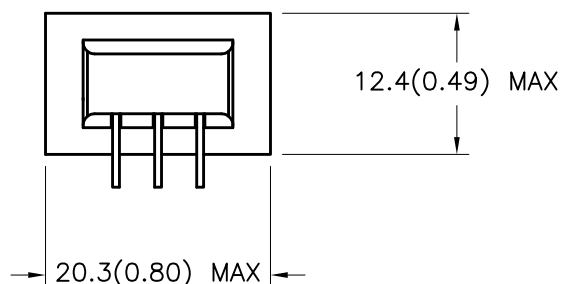


Red Dot (PIN 1)



Date code and country of origin

E. Mechanical Specifications



TOLERANCES (mm)

≤ 4	± 0.2
$4 \leq 20$	± 0.3
$20 \leq 50$	± 0.4

PREPARED BY:

K. BRENNAN

ENGINEER:

M. PITCHAI

SAFETY ENGINEER

B. OCONNELL

APPROVED:

Y. SEKIGUCHI

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

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D

TELECOMMUNICATION COUPLING
TRANSFORMER

TAMURA CORPORATION OF AMERICA
43352 BUSINESS PARK DRIVE, TEMECULA, CA. 92590-6624
(951) 699-1270 FAX 9516769482

TTC-03

MODEL SPECIFICATION

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

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