

REV. Status

REVISION -
03/30/92 TS

REVISION D
TEMECULA
-WAS-
CARSON
1/13/93 TS

REVISION E
UPDATED
FORMAT AND
ADDED SAFETY
5/26/95 TS

REVISION F
DEL NOTE 7
Pri Impedance;
500Ω ±15% @
1KHz, 0.145V,
DC0mA
6/12/95 TS

REVISION G
ADDED
STANDOFF DIM
04/08/98 TS

REVISION H
NEW
FORMAT
07/02/98 TS

REVISION J
ADDED RoHS
02/02/06 MP

REVISION K
TEMP. RATING
ADDED
04/24/15 MP

MINIATURE FCC68 TELECOMMUNICATION DRY COUPLING TRANSFORMER 600:600

A. Electrical Specifications (@ 25° C)

1. Pri Source Impedance; 600Ω
2. Sec Load Impedance; 600Ω
3. Pri DC Current; 0mA MAX (1-3)
4. Operating Level; 0dBm MAX
5. Insertion Loss;
1.5dB MAX @ 1KHz, DC0mA
6. Frequency Response (relative to 1KHz);
±0.5dB @ 300Hz to 3.5KHz, 1V, DC0mA
7. Longitudinal Balance; 60dB min @ 200Hz to 4KHz
8. DC Resistance;
(1-3) = 47Ω ±15%
(4-6) = 61Ω ±15%
9. Turns Ratio; (1-3) : (4-6) = 1 : 1.00 ±2%
10. Dielectric Strength;
1500 Vrms 1 minute @ Pri to Sec, Pri to Core
1000 Vrms 1 minute @ Sec to Core

B. Marking; TTC-170, TAMURA, Date Code and Country of origin

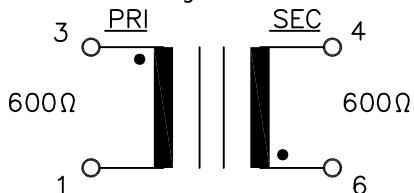
C. Safety: CSA C22.2 No. 66-M1988 File No. 081383

UL 1459 2nd Edition File No. E142035

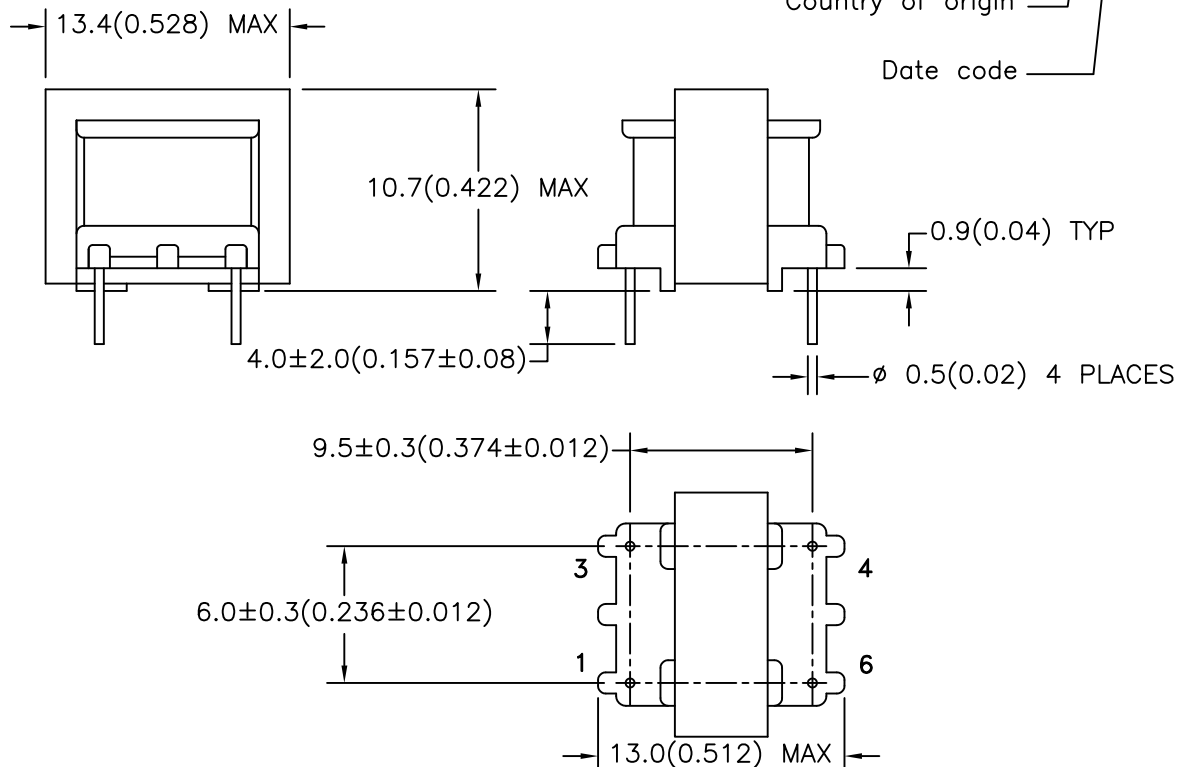
D. Operating Temperature: 0 to +70°C

Storage Temperature: -20 to +75°C

E. Schematic Diagram



F. Mechanical Specifications

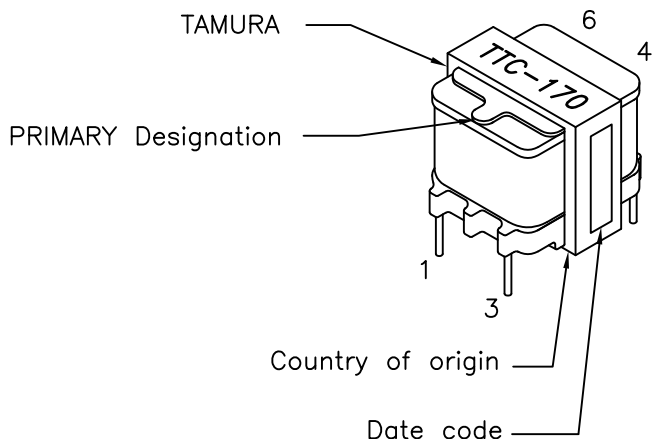


MODEL NUMBER

TTC-170



UL# E142035



PREPARED BY:

C. POPPE

ENGINEER:

MATHI P.

SAFETY ENGINEER

DRAWING CONTROL NO.
P-A1-10166

REV
K

MODEL DESCRIPTION
TELECOMMUNICATION COUPLING
TRANSFORMER

MODEL SPECIFICATION

TTC-170

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TAMURA CORPORATION OF AMERICA
1040 SOUTH ANDREASEN DRIVE, #100 ESCONDIDO, CA. 92029
(951) 699-1270 FAX 7607400536

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APPROVED:

M. PITCHAI

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