

REV. Status

REVISION –
03/30/92 TSREVISION D
TEMECULA
–WAS–
CARSON
1/13/93 TSREVISION E
UPDATED
FORMAT AND
ADDED SAFETY
5/26/95 TSREVISION F
DEL NOTE 7
Pri Impedance;
500Ω ±15% @
1KHz, 0.145V,
DC0mA
6/12/95 TSREVISION G
ADDED
STANDOFF DIM
04/08/98 TSREVISION H
NEW
FORMAT
07/02/98 TSREVISION J
ADDED RoHS
02/02/06 MPREVISION 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

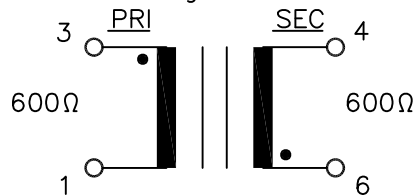
C. Safety: CSA C22.2 No. 66–M1988 File No. 081383

UL 1459 2nd Edition File No. E142035

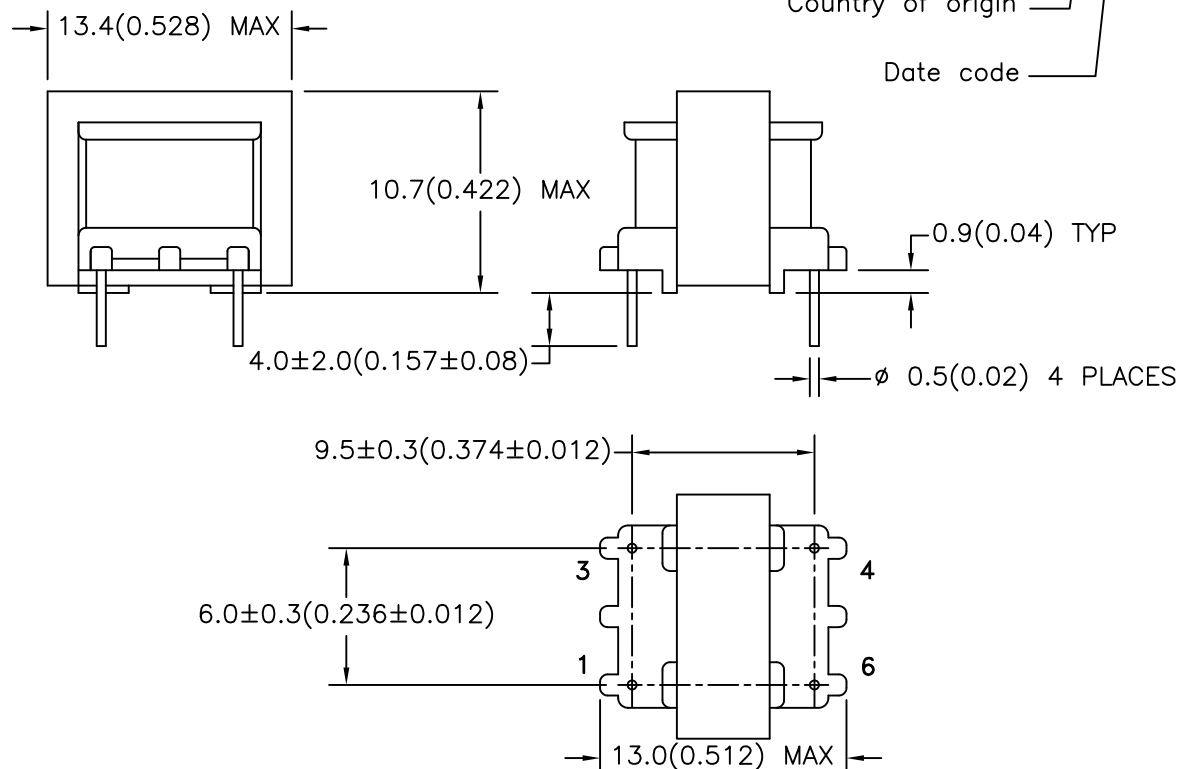
D. Operating Temperature: 0 to +70°C

Storage Temperature: –20 to +75°C

E. Schematic Diagram



F. Mechanical Specifications

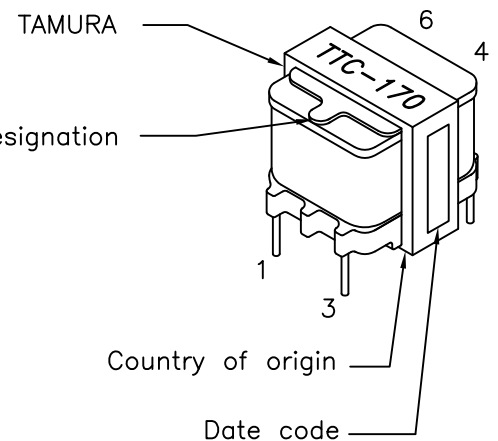


MODEL NUMBER

TTC–170



UL# E142035



PREPARED BY:

C. POPPE

ENGINEER:

MATHI P.

SAFETY ENGINEER

DRAWING CONTROL NO.
P–A1–10166REV
KMODEL DESCRIPTION
TELECOMMUNICATION COUPLING
TRANSFORMER**TAMURA CORPORATION OF AMERICA**
1040 SOUTH ANDREASEN DRIVE, #100 ESCONDIDO, CA 92029
(951) 699–1270 FAX 7607400536

MODEL SPECIFICATION

TTC–170

DIM: mm[In] SCL: NONE SH: 1 OF 1

APPROVED:

M. PITCHAI

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