

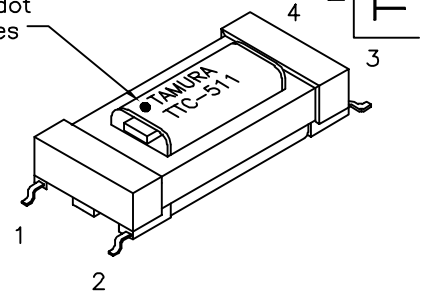
REV. Status

REVISION -
06/26/01MP

TELECOMMUNICATION DRY COUPLING SURFACE MOUNT TRANSFORMER

A. Electrical specifications (@ 25° C)

1. Pri source impedance; 600Ω
2. Sec load impedance; 287Ω
3. Frequency response; ±0.2dB, 300Hz to 3.5KHz, 0dBm
4. Return loss; 25dB MIN @ 300Hz to 3.5KHz
5. Insertion loss; 3.80dB MAX @ 1KHz, 0dBm
6. Longitudinal balance;
60dB MIN @ 200Hz to 4KHz
7. DC resistance;
(1-2) = 150Ω ±15%
(3-4) = 175Ω ±15%
8. Turns ratio;
(1-2) : (3-4) = 1 : 1.00 ±2%
9. Dielectric strength;
1875Vrms 1 second @ Pri to Sec, Pri to Core
625Vrms 1 second @ Sec to Core
10. Total harmonic distortion;
-75dB MAX @ 600Hz, -10dBm (-82dB TYP)


UL# E208555
Block dot
indicates
pin 1

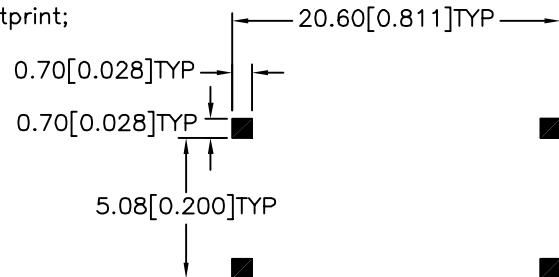
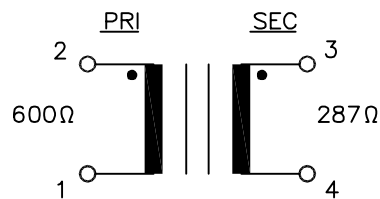
MODEL NUMBER

TTC-511

B. Marking; TTC-511, TAMURA, date code and country of origin

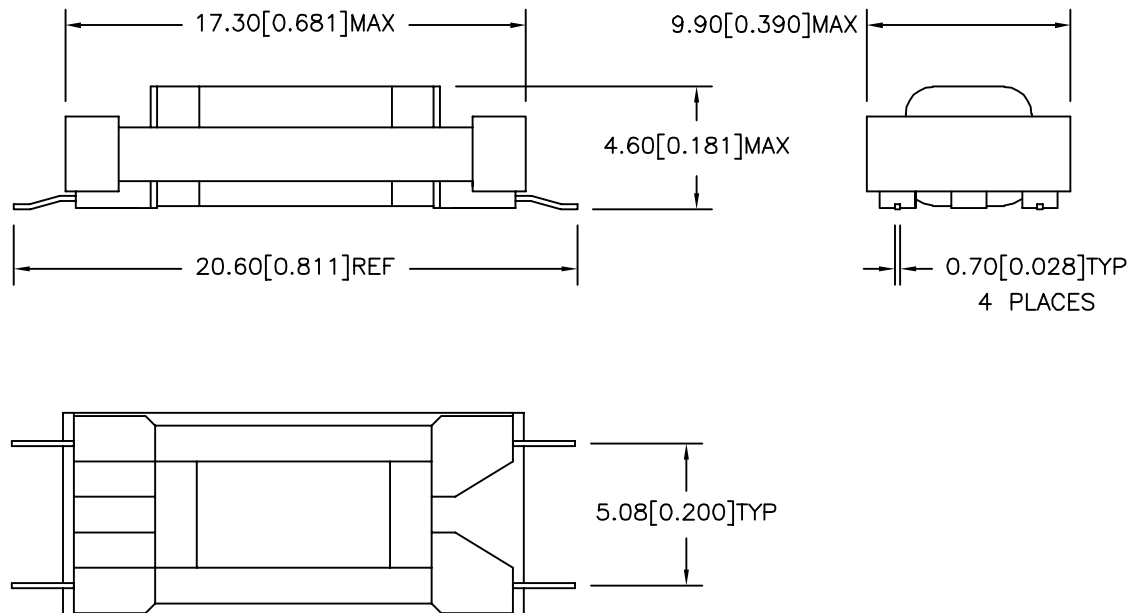
C. Safety; UL1950 3rd Edition, UL60950

D. Schematic diagram and mounting footprint;



E. Mechanical Specifications;

All dimensions shown are nominal unless otherwise specified



PREPARED BY:

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QUALITY CONTROL:

D. Kelley

APPROVED:

J. Coleman

DRAWING CONTROL NO.

P-A1-12378

ACAD\TTC\A1123781.DWG

REV

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MODEL DESCRIPTION

TELECOMMUNICATION SURFACE MOUNT
DRY COUPLING TRANSFORMER

TAMURA CORPORATION OF AMERICA

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(909) 699-1270 FAX 9096769482

MODEL SPECIFICATION

TTC-511

DIM: mm(In)

SCL: 4/1

SH: 1 OF 1

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