

TELECOMMUNICATION SMD MODEM TRANSFORMER

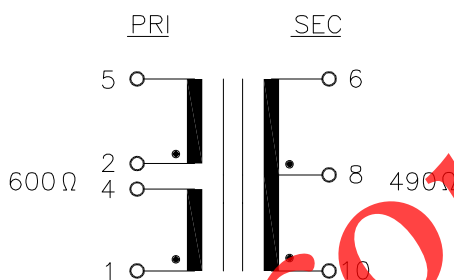
A. Electrical Specifications (@ 25° C)

1. Primary Impedance; 600Ω
2. Secondary Impedance; 490Ω
3. Insertion Loss: 1.50dB MAX @ 1KHz, 0dBm
4. Frequency Response; ±0.30dB @ 300Hz to 3.5KHz, 0dBm
5. Longitudinal Balance;
60dB MIN @ 200Hz to 4KHz, 0dBm
6. Primary Inductance; 1.50H MIN @ 1KHz, 1.0Vrms
Measure (1-5) with 2 & 4 shorted
7. DC Resistance;
(1-4)=23.8Ω ±15%
(2-5)=23.8Ω ±15%
(10-6)=47.8Ω ±15% with 2 & 4 shorted
8. Turns Ratio; (1-5):(10-6)=1:1.00 ±2% with 2 & 4 shorted
9. Total Harmonic Distortion;
-70dB MAX @ 600Hz, -10dBm (-80dB TYP)
10. Dielectric Strength; 1875Vrms 1 second @ Pri-Sec

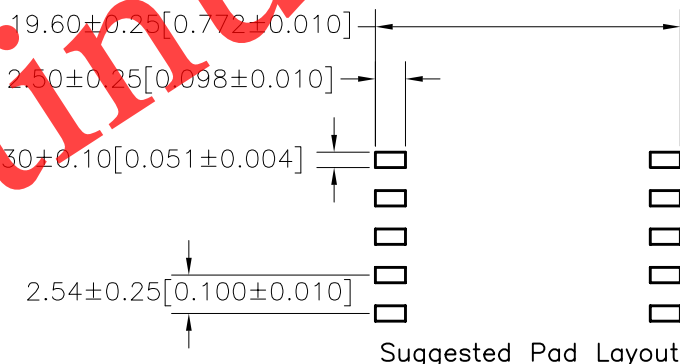
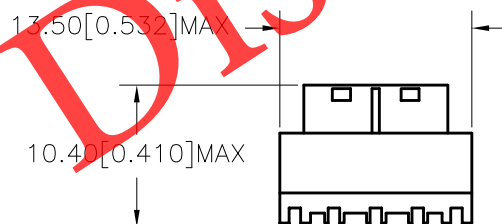
B. Marking; TTC-5026E, TAMURA, date code and country of origin
"E" designates UL approved family classification

C. Safety; UL1950 3rd Edition, UL60950

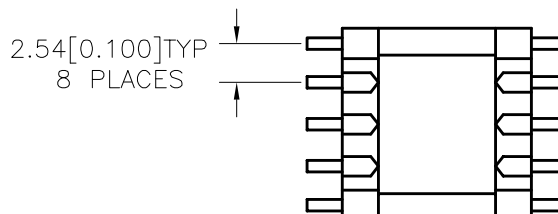
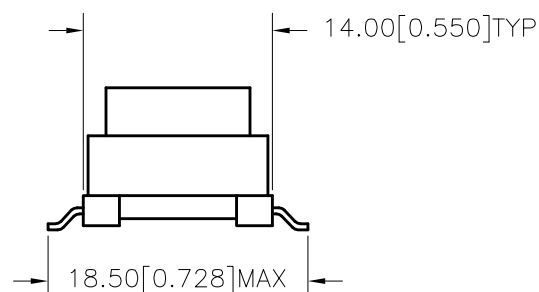
D. Schematic;



E. Mechanical Specifications;



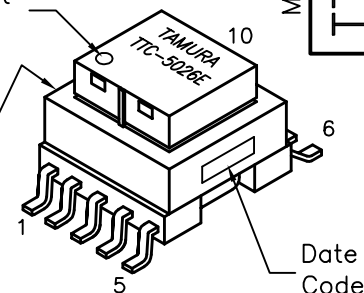
Suggested Pad Layout



UL# E208555

White dot
indicates
pin 1

Country
of origin



MODEL NUMBER

TTC-5026

PREPARED BY:

K. BRENNAN

ENGINEER:

M. PITCHAI

QUALITY CONTROL:

T. CLEM

APPROVED:

Y. SEKIGUCHI

DWG CONTROL NO.

P-A1-13143
ACAD\TTC\A1131431.DWG

REV

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TELECOMMUNICATION
MODEM TRANSFORMER

TAMURA CORPORATION OF AMERICA

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(909) 699-1270 FAX 9096769482

TTC-5026

MODEL SPECIFICATION

DIM: mm(in) SCL: 2/1 SH: 1 OF 1

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