



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of “Quality Parts,Customers Priority,Honest Operation,and Considerate Service”,our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



Contact us

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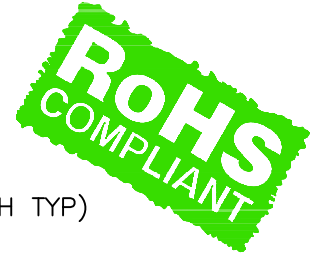




MINIATURE ENCAPSULATED TELECOMMUNICATION HIGH IMPEDANCE TRANSFORMER

A. Electrical Specifications (@ 25° C)

1. Primary Impedance; 30kΩ
2. Secondary Impedance; 30kΩ
3. Primary Inductance; 30H MIN @ 200Hz, 10mVrms, Lp Measured (1-3)
4. Leakage Inductance; 80mH MAX @ 1kHz, 10mVrms, (67mH TYP) Measured (1-3) with 6 & 4 shorted
5. DC Resistance; (1-3):1650Ω ±15% (6-4):1650Ω ±15%
6. Turns Ratio; (1-3):(6-4)=1:1.00 ±2%
7. Core Loss; 110kΩ MIN @ 200Hz, 10mVrms, Rp Measured (1-3)
8. Dielectric Strength; 1875Vrms 1 second @ Pri-Sec



UL #E208555

MODEL NUMBER

TTC-5027

REV. Status

REVISION - 06/10/03 MP

REVISION A ADDED "H" TO PART NUMBER 08/27/03 MP

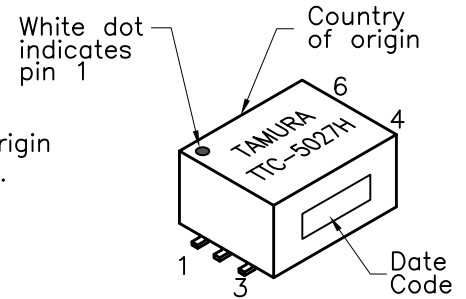
REVISION B CHANGED DIMENSIONS 03/10/04 MP

REVISION C ADDED ROHS & REFLOW NOTE 05/15/07 MP

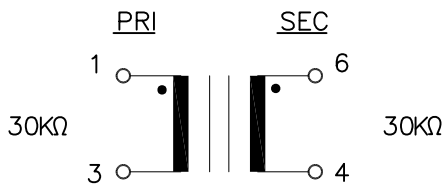
REVISION D REPLACED REFLOW NOTE WITH GRAPH 11/13/07 MP

B. Marking; TTC-5027H, TAMURA, date code and country of origin "H" designates Safety Agency Approved family classification.

C. Safety; Certified to UL60950, EN60950

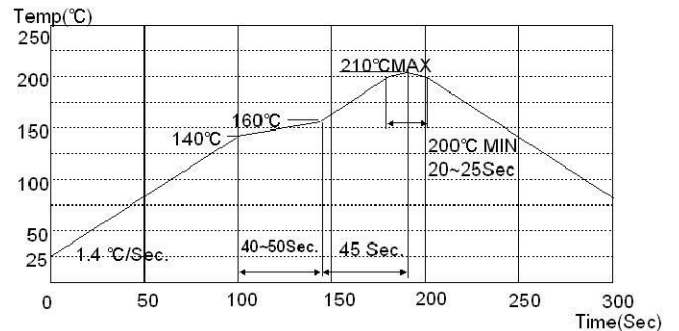


D. Schematic;

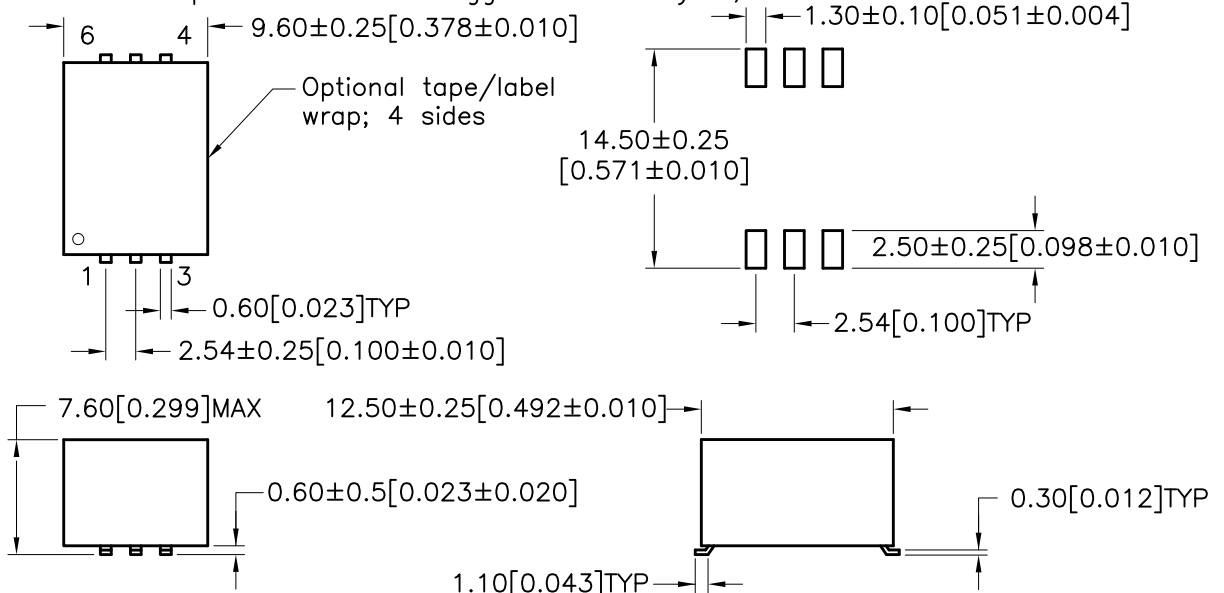


E. Suggested Reflow Profile (Terminal)

Customer to determine proper profile based on actual conditions.



E. Mechanical Specifications and Suggested Pad Layout;



PREPARED BY:

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ENGINEER:

M. PITCHAI

SAFETY ENGINEER

B. OCONNELL

APPROVED:

Y. SEKIGUCHI

DWG CONTROL NO. P-A1-13174 ACAD\TTC\A1131741.DWG

REV D

TELECOMMUNICATION TRANSFORMER

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

TTC-5027

MODEL SPECIFICATION

DIM: mm(In) SCL: 1/1 SH: 1 OF 1

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