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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TAMURA

REV. Status
REVISION – 01/09/92 HA
REVISION A REFORMATTED. TEMECULA WAS CARSON. ADDED SAFETY 01/11/96 TS
REVISION B ADDED RoHS UL1459 WAS UL1863 01/20/06 YS
REVISION C DIM 20.3(0.799) WAS 19.8(0.781) 10/17/06 YS

MODEL NUMBER
TTC–13

TELECOMMUNICATION DRY BRIDGING TRANSFORMER DESIGNED TO OPERATE AT A MAX LEVEL OF +7dBm AND TO REFLECT A PRIMARY SOURCE IMPEDANCE OF APPROXIMATELY 4KΩ WITH 600Ω LOAD ON SECONDARY

UL# E142035

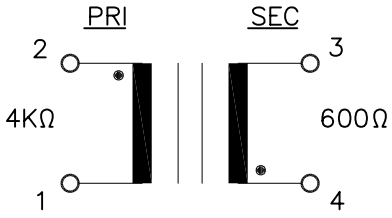
RoHS COMPLIANT

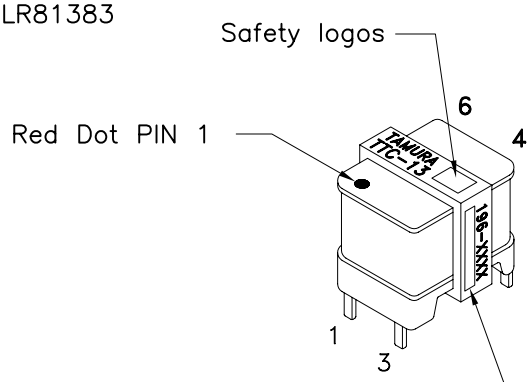
A. Electrical Specifications (@ 25° C)
1. Pri Source Impedance; 4K Ω
2. Sec Load Impedance; 600 Ω
3. Operating Level; −45 dBm to +7 dBm
4. Insertion Loss;
   1.2 dB MAX @ 1 KHz, 0 dBm
5. Frequency Response;
   ±0.5 dB 300 Hz to 3.5 KHz @ 0 dBm
6. Primary Impedance;
   4K Ω ±10% @ 300 Hz to 3.5 KHz, 0 dBm
7. Total Harmonic Distortion:
   0.5% MAX @ 300 Hz to 3.5 KHz, 0 dBm
8. Longitudinal Balance;
   60 dB MIN @ 200 Hz to 4 KHz
9. DC Resistance;
   (1−3)= 225 Ω ±20%
   (4−6)= 45 Ω ±20%
10. Turns Ratio; (1−3) : (4−6) = 1 : 0.397 ±2%
11. Dielectric Strength;
    1500 Vrms 1 minute @ Pri to Sec, Pri to Core
    1000 Vrms 1 minute @ Sec to Core

B. Marking; TTC−13, TAMURA, date code, country of origin and safety logos

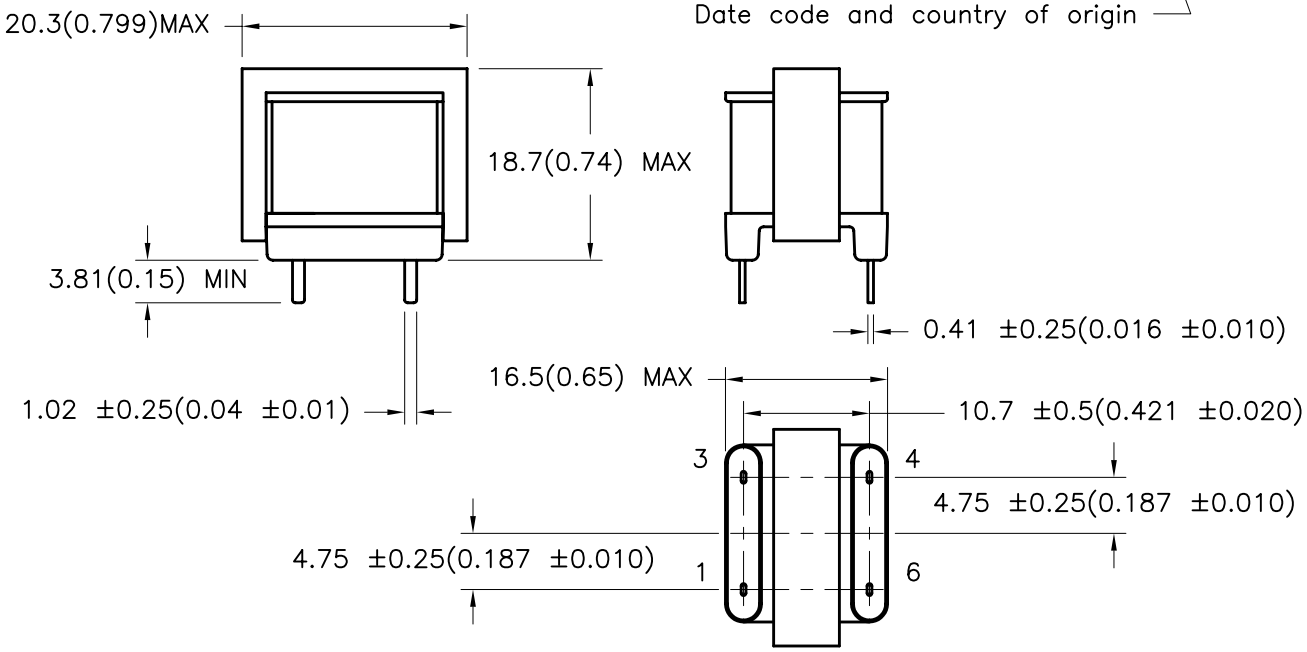
C. Safety; CSA−22.2 No. 66−M1988 File No. LR81383
UL1459 File No. E142035

D. Schematic Diagram





E. Mechanical Specifications



TOLERANCES (mm)
≦ 4 ± 0.2
4 ≦ 20 ± 0.3
20 ≦ 50 ± 0.4

PREPARED BY:
K. BRENNAN

ENGINEER:
Y. SEKIGUCHI

QUALITY CONTROL:
T. CLEM

APPROVED:
Y. SEKIGUCHI

DWG CONTROL NO. P−A1−10524
ACAD\TTC\A1105241.DWG

REV C

BRIDGING TRANSFORMER

CONTENTS OF THIS DRAWING ARE SUBJECT TO CHANGE WITHOUT PRIOR NOTICE

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

TTC−13
MODEL SPECIFICATION

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