

REV. Status

REVISION -
03/16/92 TS

REVISION A
TEMECULA
WAS CARSON
REVISED NP
ADDED T2108
AND MICROTRAN
05/15/96 TS

- A. Electrical Specifications (@ 25 ° C)
1. Pri Source Impedance; 600 Ω
 2. Sec Load Impedance; 900 Ω
 3. Pri DC Current; 0mA MAX (1-3)
 4. Operating Level; -45 dBm to +7 dBm
 5. Insertion Loss;
1.2 dB MAX @ 1 KHz, 0 dBm
 6. Return Loss; 22 dB MIN (ERL measurement)
 7. Frequency Response;
 ± 0.5 dB 300 Hz to 3.5 KHz @ 0 dBm (relative to 1KHz)
 8. Longitudinal Balance;
60 dB MIN @ 200 Hz to 4 KHz
 9. DC Resistance;
(1-3) = 39 Ω $\pm 20\%$
(4-6) = 83 Ω $\pm 20\%$
 10. Turns Ratio; (1-3) : (4-6) = 1 : 1.281 $\pm 2\%$
 11. Dielectric Strength;
1500 Vrms 1 minute @ Pri to Sec, Pri to Core
1000 Vrms 1 minute @ Sec to Core

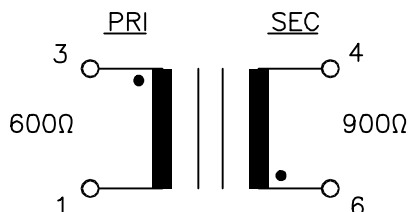


MODEL NUMBER
TTC-112

B. Marking; TTC-112, TAMURA, T2108, MICROTRAN, safety agency logos, 196-date code and country of origin

C. Safety; CSA-22.2 No. 66-M1988 File No. LR81383
UL 1863 File No. E142035

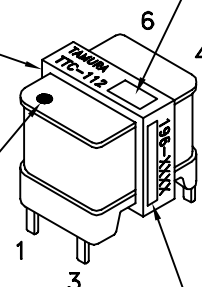
D. Schematic Diagram



MICROTRAN and T2108

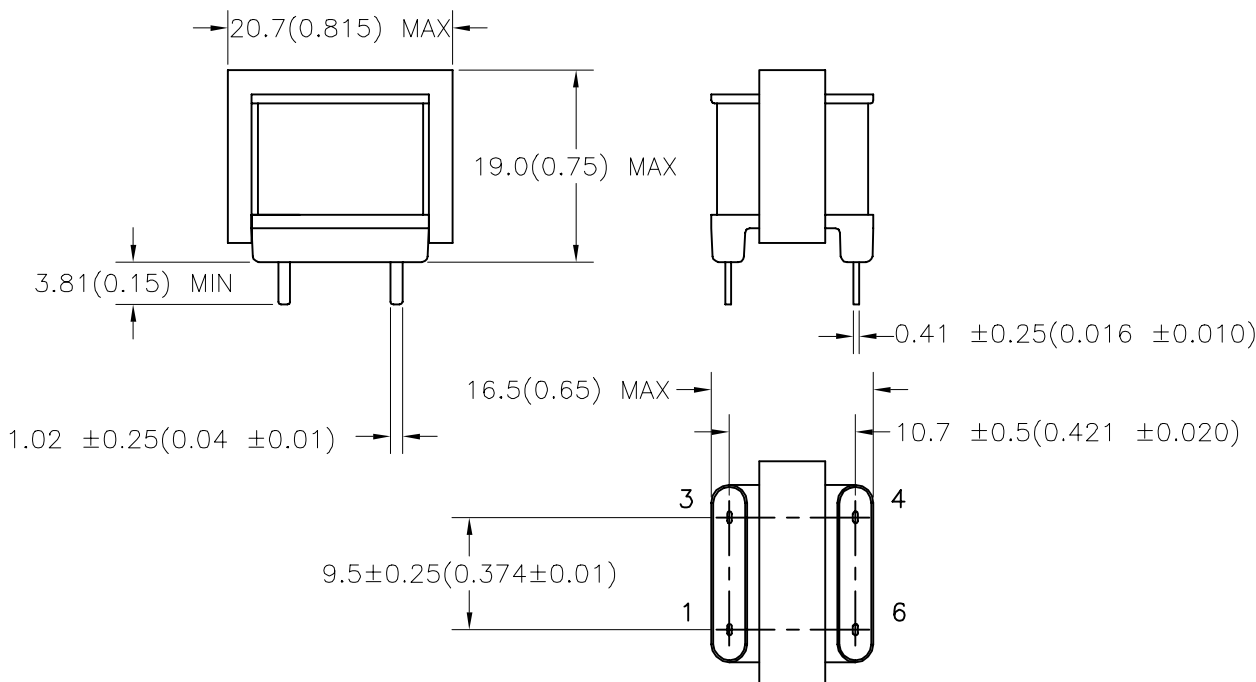
Red dot PIN 1

Safety logos



Date Code and Country of Origin

E. Mechanical Specifications



PREPARED BY:

K. Brennan

ENGINEER:

T. Shiozawa

QUALITY CONTROL:

D. Kelley

APPROVED:

M. Ong

DWG CONTROL NO.
P-A1-10576
ACAD\TTC\A1105761.DWG

REV
A

TELECOMMUNICATION COUPLING
TRANSFORMER

TAMURA CORPORATION OF AMERICA
43352 BUSINESS PARK DRIVE, TEMECULA, CA. 92590-6624

TTC-112

MODEL SPECIFICATION

DIM: mm(in) SCL: NONE SH: 1 OF 1

PROPRIETARY NOTICE: THIS DRAWING PRINT OR DOCUMENT AND SUBJECT MATTER DISCLOSED HEREIN ARE PROPRIETARY ITEMS TO WHICH TAMURA RETAINS THE EXCLUSIVE RIGHT OF DISSEMINATION, REPRODUCTION, MANUFACTURE AND SALE. THIS DRAWING, PRINT OR DOCUMENT IS SUBMITTED IN CONFIDENCE FOR CONSIDERATION BY THE RECIPIENT ALONE UNLESS PERMISSION FOR FURTHER DISCLOSURE IS EXPRESSLY GRANTED IN WRITING.

TRCELECTRONICS, INC.
"Authorized Distributor"
135 Pasadena Ave.
Lodi, NJ 07644 USA

Tel: (973) 779-8282
Fax: (973) 779-1490
sales@trcelectronics.com
http://www.trcelectronics.com