



FCC68 TELECOMMUNICATIONS COUPLING TRANSFORMER 600:600

REV. Status

REVISION -
01/09/92 HA

REVISION A
TEMECULA
WAS CARSON
REVISED NP
ADDED T2104
MICROTRAN
10/05/95 TS

REVISION B
NEW FORMAT
07/08/98 TS

REVISION C
ADDED RoHS.
UL1459 WAS
UL1863.
DIM 20.3(0.799)
WAS 19.8(0.781)
10/17/06 MP

A. Electrical Specifications (@ 25° C)

1. Pri Source Impedance; 600Ω
2. Sec Load Impedance; 600Ω
3. Operating Level; -45dBm to +7dBm
4. Insertion Loss; 1.2dB MAX @ 1KHz, 0dBm
5. Frequency Response; ±0.5dB 300Hz to 3.5KHz @ 0dBm
6. Primary Impedance; 600Ω ±10% @ 300Hz to 3.5KHz, 0dBm
7. Total Harmonic Distortion; 0.5% MAX @ 300Hz to 3.5KHz, 0dBm
8. Longitudinal Balance; 60dB MIN @ 200Hz to 4KHz
9. DC Resistance; (1-3) = 36Ω ±20%
(4-6) = 50Ω ±20%
10. Turns Ratio; (1-3) : (4-6) = 1 : 1.033 ±2%
11. Dielectric Strength; 1500Vrms 1 minute @ Pri to Sec, Pri to Core
1000Vrms 1 minute @ Sec to Core



MODEL NUMBER

TTC-110

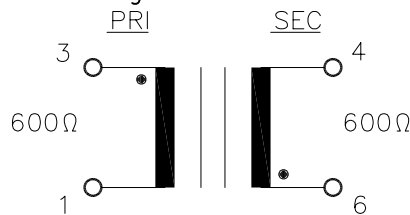


UL# E142035

B. Marking; TTC-110, TAMURA, T2104, MICROTRAN, safety agency logos, 196-date code and country of origin

C. Safety; CSA-22.2 No. 66-M1988 File No. LR81383
UL 1459 File No. E142035

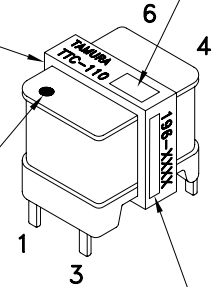
D. Schematic Diagram



MICROTRAN and T2104

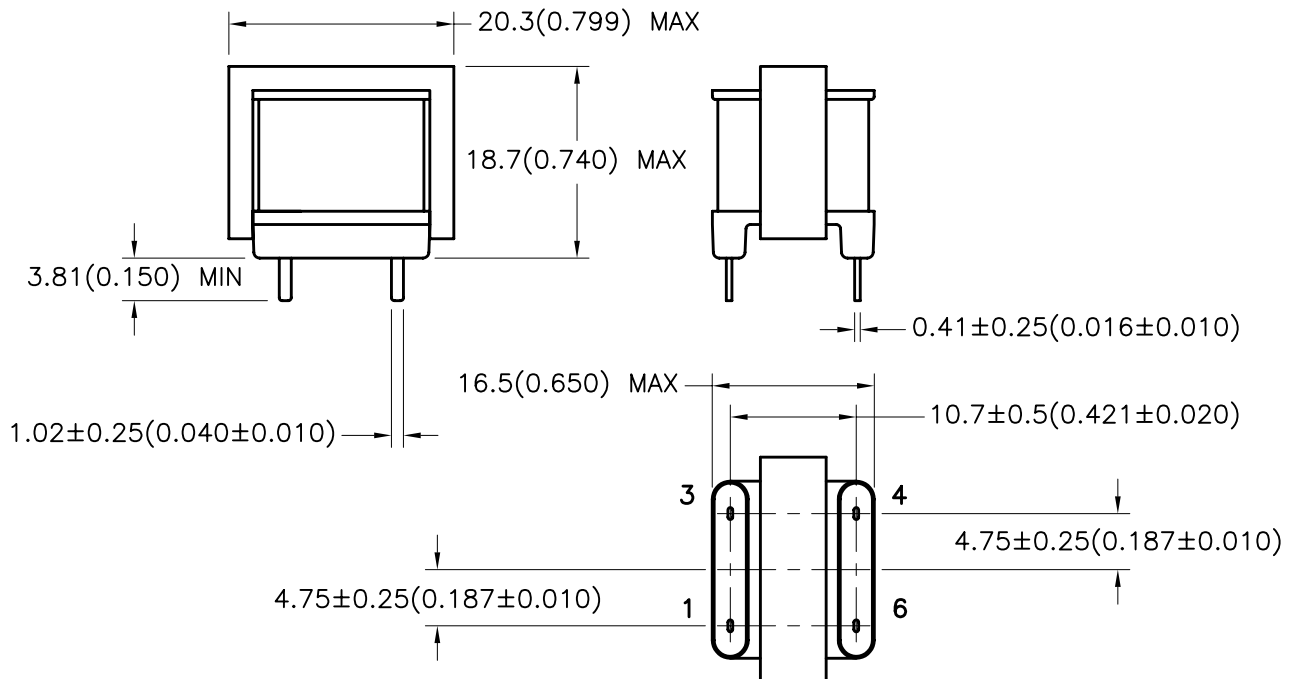
Red dot PIN 1

Safety logos



Date Code and Country of Origin

E. Mechanical Specifications



PREPARED BY:

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ENGINEER:

M. PITCHAI

QUALITY CONTROL:

T. CLEM

APPROVED:

Y. SEKIGUCHI

DWG CONTROL NO. P-A1-10525
ACAD/TTC/A1105251.DWG

REV C

TELECOMMUNICATION COUPLING TRANSFORMER

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TTC-110

MODEL SPECIFICATION

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

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