



REV. Status

REVISION -
01/09/92 HAREVISION A
TEMECULA
WAS CARSON
REVISED NP
ADDED T2104
MICROTRAN
10/05/95 TSREVISION B
NEW FORMAT
07/08/98 TSREVISION C
ADDED RoHS.
UL1459 WAS
UL1863.
DIM 20.3(0.799)
WAS 19.8(0.781)
10/17/06 MP

FCC68 TELECOMMUNICATIONS COUPLING TRANSFORMER 600:600

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

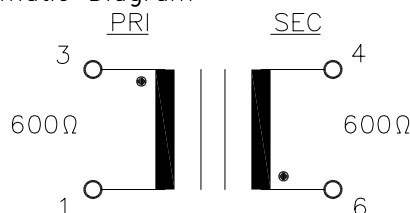
TTC-110



UL# E142035

B. Marking; TTC-110, TAMURA, T2104, MICROTRAN, safety agency logos,
196-date code and country of originC. Safety; CSA-22.2 No. 66-M1988 File No. LR81383
UL 1459 File No. E142035

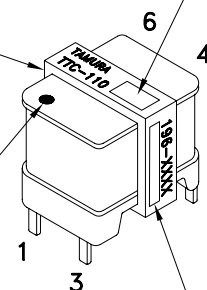
D. Schematic Diagram



MICROTRAN and T2104

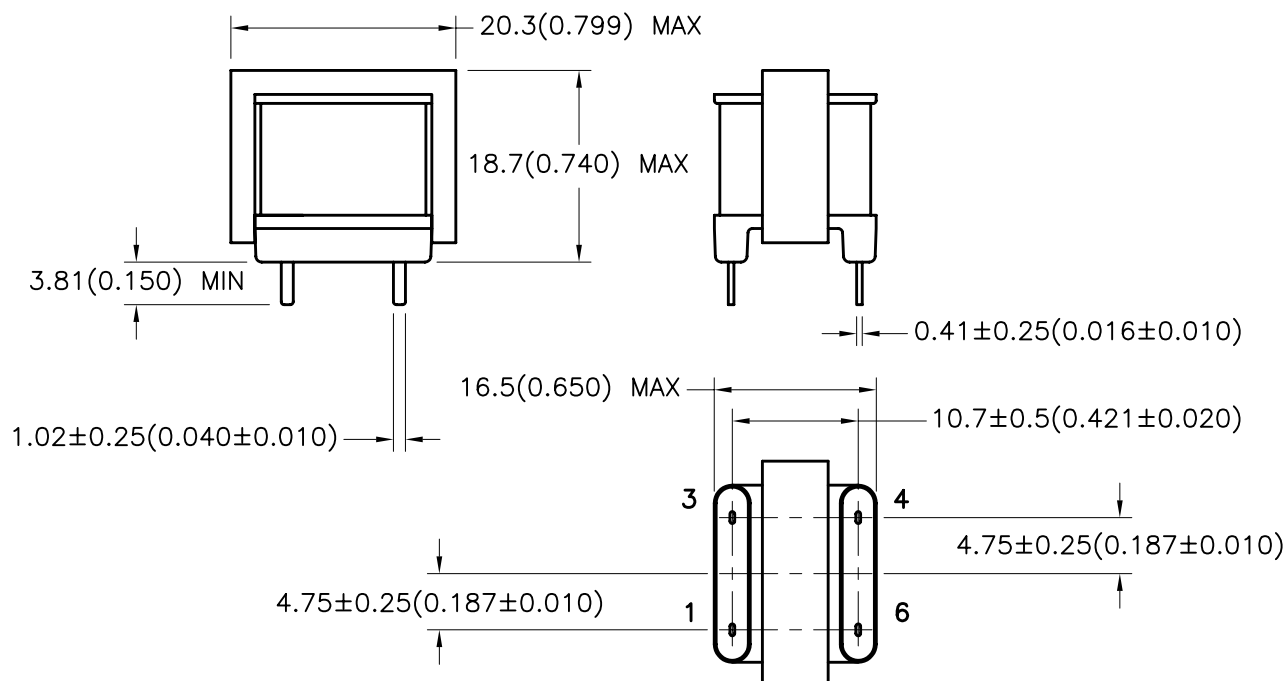
Red dot PIN 1

Safety logos



Date Code and Country of Origin

E. Mechanical Specifications



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MODEL SPECIFICATION

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

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