

Excellent Integrated System Limited

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[Tamura](#)
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For any questions, you can email us directly:

sales@integrated-circuit.com

REV. Status

TELECOMMUNICATIONS WET COUPLING TRANSFORMER 600Ω : 600Ω

MODEL NUMBER

TTC-218

REVISION A
REVISED AND
REDRAWN ON
CAD/CAM
1/2/92 HA

REVISION B
TEMECULA
WAS CARSON
12/21/92 TS

REVISION C
UPDATED FORMAT
4/11/94 TS

REVISION D
ADDED SAFETY
ADDED TP3111
9/15/95 TS

REVISION E
NEW
FORMAT
07/01/98

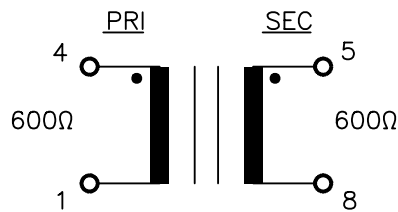
A. Electrical Specifications (@ 25 ° C)

1. Pri Source Impedance; 600Ω
2. Sec Load Impedance; 600Ω
3. Pri DC Current; 50mA MAX
4. Operating Level; -45dBm to +7dBm
5. Insertion Loss;
1.8dB MAX @ 2KHz, 0dBm, DC50mA
6. Frequency Response (relative to 2KHz)
0, -1.8dB @ 660Hz to 800Hz, 0dBm, DC50mA
+0.5, -1.5dB @ 800Hz to 3.5KHz, 0dBm, DC50mA
7. Longitudinal Balance; 60dB MIN @ 200Hz to 4KHz
8. DC Resistance;
(1-4) = 49Ω ±15%
(5-8) = 76Ω ±15%
9. Turns Ratio;
(1-4) : (5-8) = 1 : 1.00±2%
10. Dielectric Strength;
1500Vrms 1 minute @ Pri to Sec, Pri to Core
1000Vrms 1 minute @ Sec to Core

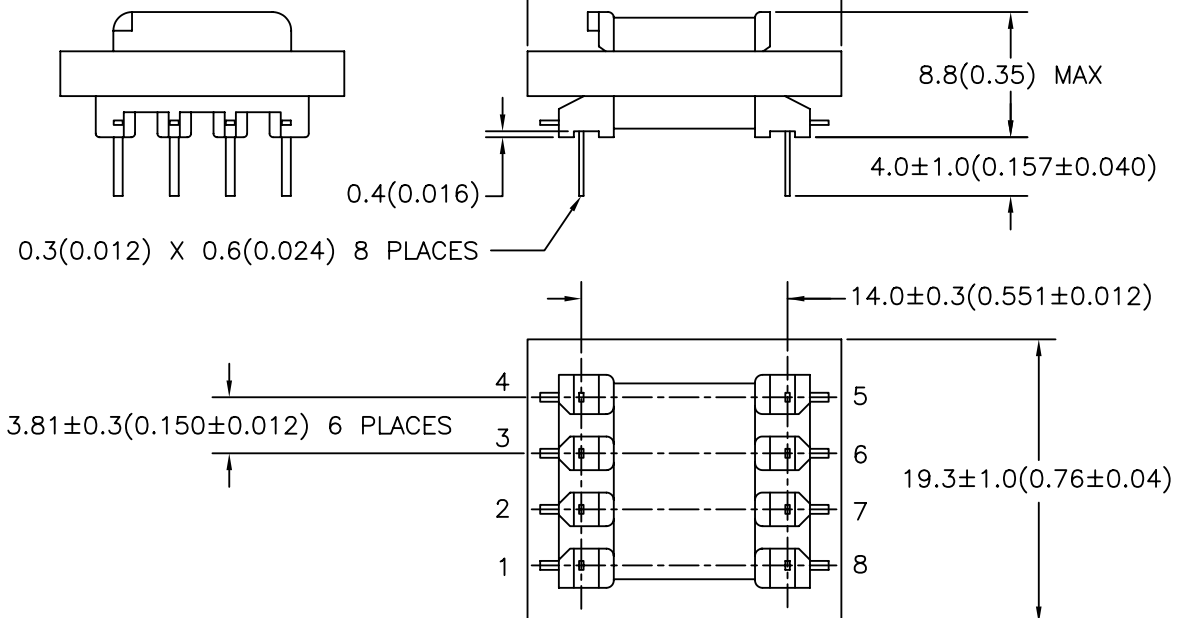
B. Marking; TTC-218, TAMURA, TP3111, MICROTRAN, date code
country of origin and safety agency logos

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

D. Schematic Diagram



E. Mechanical Specifications



PREPARED BY:

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ENGINEER:

T. Shiozawa

QUALITY CONTROL:

D. Kelley

APPROVED:

D. Kelley

DWG CONTROL NO.
P-A1-10228
ACAD\TTC\A1102281.DWG

REV
E

TELECOMMUNICATION COUPLING
TRANSFORMER

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TTC-218

MODEL SPECIFICATION

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

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