

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

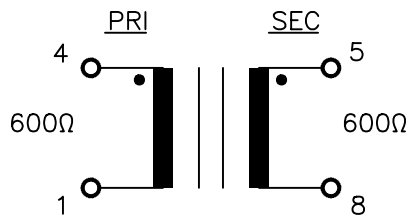
REVISION B  
TEMECULA  
WAS CARSON  
12/21/92 TS

REVISION C  
UPDATED FORMAT  
4/11/94 TS

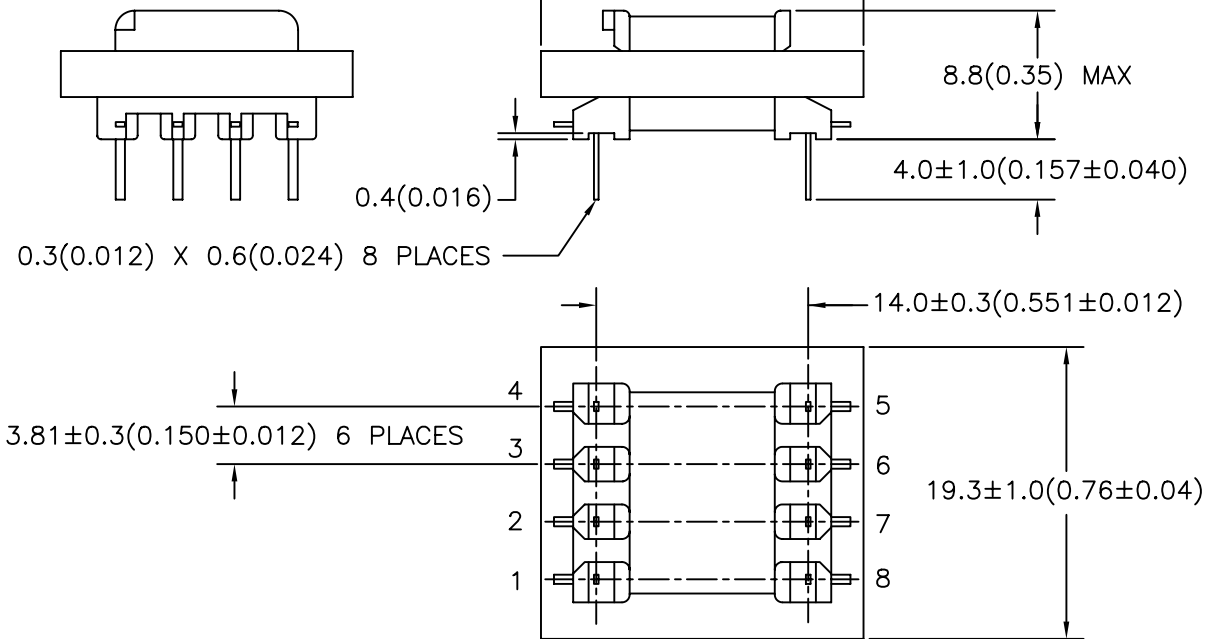
REVISION D  
ADDED SAFETY  
ADDED TP3111  
9/15/95 TS

REVISION E  
NEW  
FORMAT  
07/01/98

- A. Electrical Specifications (@ 25° C)
- Pri Source Impedance; 600Ω
  - Sec Load Impedance; 600Ω
  - Pri DC Current; 50mA MAX
  - Operating Level; -45dBm to +7dBm
  - Insertion Loss;
    - 1.8dB MAX @ 2KHz, 0dBm, DC50mA
  - Frequency Response (relative to 2KHz)
    - 0, -1.8dB @ 660Hz to 800Hz, 0dBm, DC50mA
    - +0.5, -1.5dB @ 800Hz to 3.5KHz, 0dBm, DC50mA
  - Longitudinal Balance; 60dB MIN @ 200Hz to 4KHz
  - DC Resistance;
    - (1-4) = 49Ω ±15%
    - (5-8) = 76Ω ±15%
  - Turns Ratio;
    - (1-4) : (5-8) = 1 : 1.00±2%
  - 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



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

REV  
**E**

TELECOMMUNICATION COUPLING  
TRANSFORMER

**TAMURA CORPORATION OF AMERICA**  
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**TTC-218**  
MODEL SPECIFICATION  
DIM: mm(In) SCL: NONE SH: 1 OF 1

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