

REV. Status

REVISION -  
10/25/84 MS

REVISION A  
REVISED AND  
REDRAWN ON  
CAD/CAM  
03/23/92 TS

REVISION B  
TEMECULA  
WAS CARSON  
ADDED STANDOFF  
05/13/98 TS

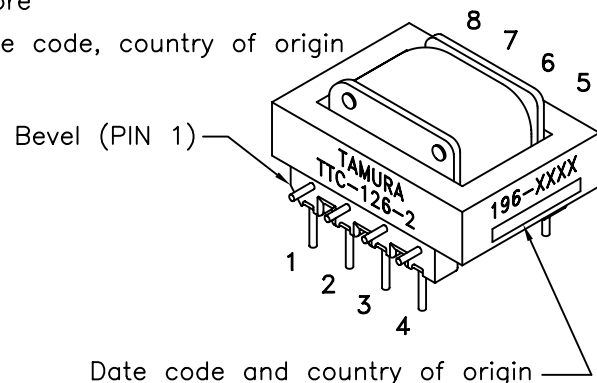
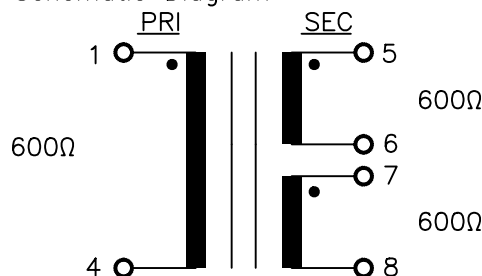
# LOW PROFILE FCC68 TELECOMMUNICATION WET COUPLING TRANSFORMER 600:600

## A. Electrical Specifications (@ 25°C)

1. Pri Source Impedance; 600Ω
2. Sec Load Impedance; 600Ω / 600Ω Split
3. Pri DC Current; 50mA MAX, (1-4)
4. Operating Level; -45dBm to +10dBm
5. Insertion Loss;  
1.0dB MAX @ 1KHz, 0dBm, DC50mA
6. Frequency Response (relative to 1KHz);  
±0.5dB @ 300Hz to 3.5KHz, 0dBm, DC50mA
7. Pri Impedance; 600Ω ±15% @ 300Hz to 3.5KHz, 0dBm, DC90mA
8. Longitudinal Balance; 60dB MIN @ 200Hz to 1KHz, 40dB MIN @ 4KHz
9. DC Resistance;  
(1-4) = 41Ω ±20%  
(5-8) = 96Ω ±20% (6-7 Shorted)
10. Turns Ratio; (1-4) : (5-8) = 1 : 1.41 ±2%  
(5-6) : (7-8) = 1 : 1.00 ±2%
11. Dielectric Strength;  
1500 Vrms 1 minute @ Pri to Sec, Pri to Core  
1000 Vrms 1 minute @ Sec to Core

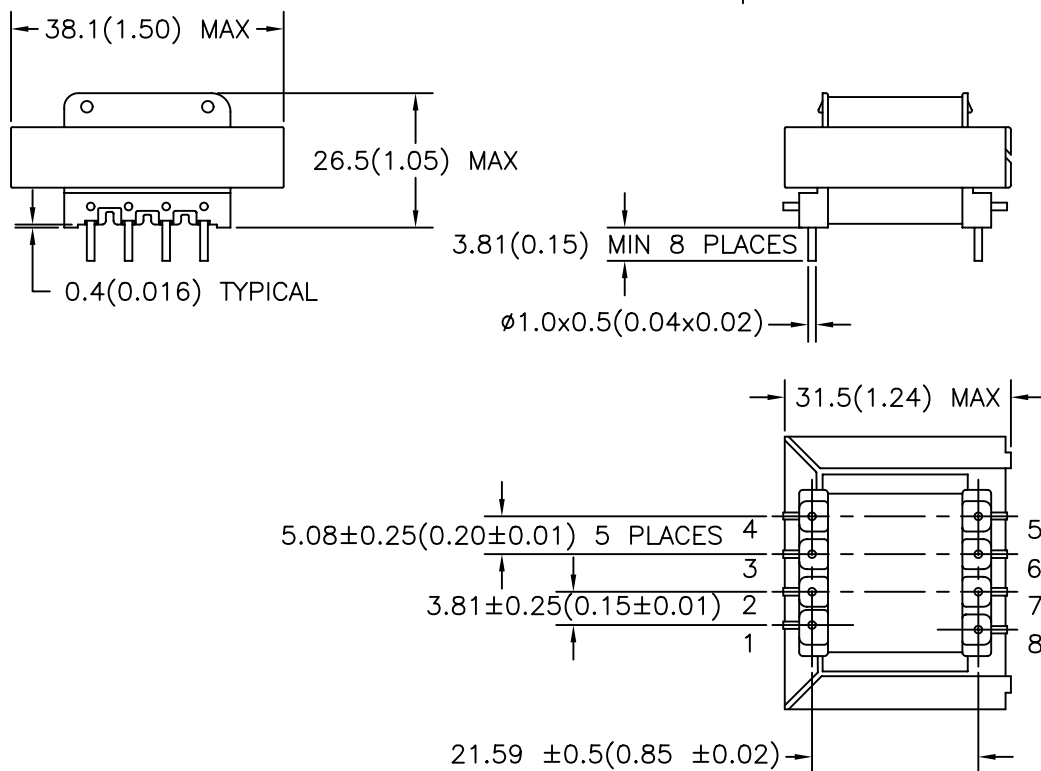
## B. Marking; TTC-126-3, TAMURA, 196-date code, country of origin

## C. Schematic Diagram



## D. Mechanical Specifications;

All dimensions shown are nominal unless otherwise specified



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DWG CONTROL NO.  
P-A1-10054  
ACAD\TTC\A1100541.DWG

REV  
B

TELECOMMUNICATION COUPLING  
TRANSFORMER

**TAMURA CORPORATION OF AMERICA**

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**TTC-126-3**

MODEL SPECIFICATION

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

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MODEL NUMBER

**TTC-126-3**