

REV. Status

ISSUE 1
1/13/92 TS

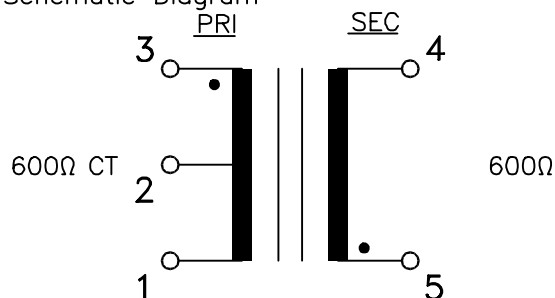
ISSUE 2
TEMECULA
WAS CARSON
NOTE 4 $\pm 25\%$
WAS $\pm 20\%$
4/10/95 TS

A. Electrical Specifications (@ 25 ° C)

1. Impedance Ratio;
600 Ω $\pm 25\%$ CT : 600 Ω $\pm 25\%$ @ 300 Hz to 3.5 KHz, 0 dBm
2. DC Resistance;
(1-2) = 22.0 Ω $\pm 20\%$
(2-3) = 22.0 Ω $\pm 20\%$
(1-3) = 44.0 Ω $\pm 20\%$
(4-5) = 56.0 Ω $\pm 20\%$
3. Turns Ratio;
(1-3) : (1-2) = 1 : 0.4989 - 0.5011
(1-3) : (4-5) = 1 : 0.9800 - 1.0200
4. Inductance; (1-3) 0.25 Hy $\pm 25\%$ @ 300 Hz 0.75 V ± 0.05 V
5. Transmission;
-8.0 dB MAX @ 25KHz 0.75 V
-6.9 dB ± 0.3 (reading M) @ 1 KHz 0.75 V
M -2.0 dB MAX @ 300 Hz 0.75 V
M +0.4 dB MAX @ 3.5 KHz 0.75 V
6. Dielectric strength
1500 Vrms, 1 minute @ Pri to Sec, Pri to Core
1000 Vrms, 1 minute @ Sec to Core
7. Insulation Resistance;
100 M Ω MIN between windings and between windings and Core at 100 VDC
8. Induced Voltage; (1-3) 200 Vrms, 10 KHz, 1 minute

B. Marking; TTC-271, TAMURA TEMECULA CA, date code and country of origin

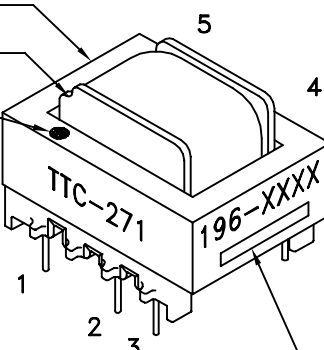
C. Schematic Diagram



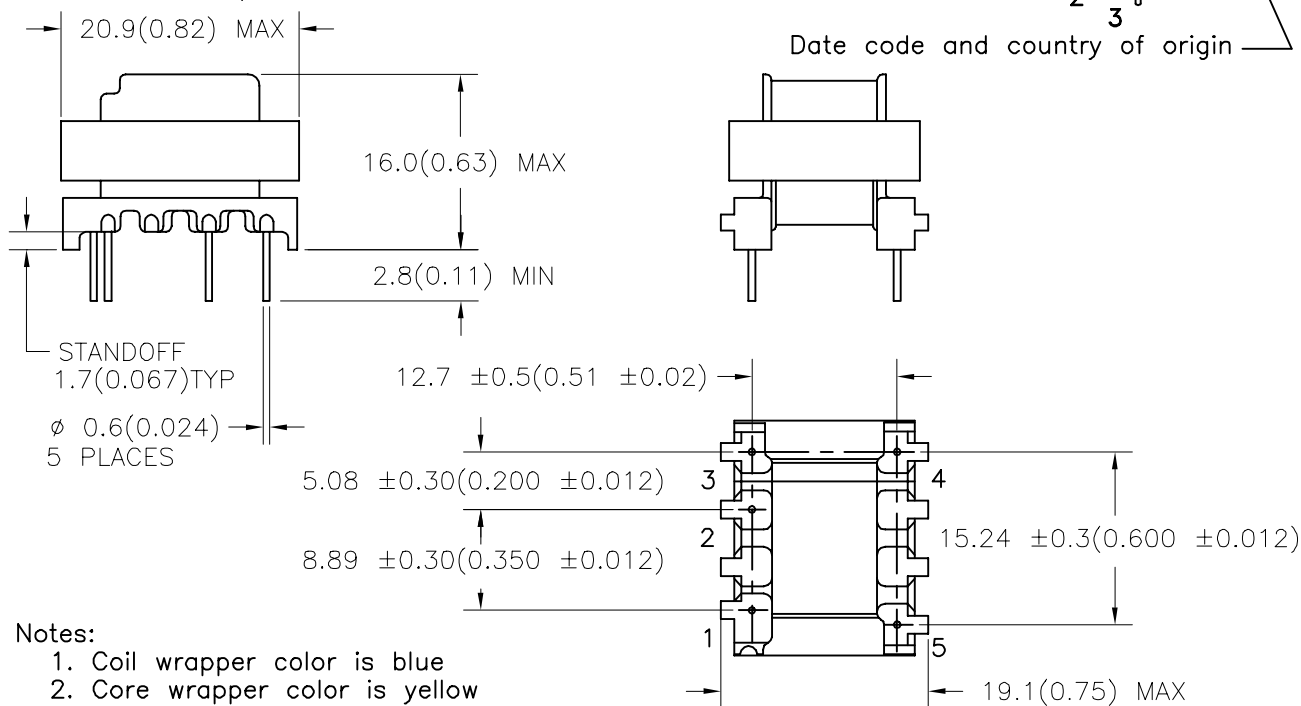
TAMURA TEMECULA CA

PIN 1 Designation

White Dot PIN 1



D. Mechanical Specifications



Notes:

1. Coil wrapper color is blue
2. Core wrapper color is yellow
3. Reference Comdial TR001-011

PREPARED BY:

DWG CONTROL NO.

REV

TELECOMMUNICATION COUPLING
TRANSFORMER

TTC-271

K. Brennan

P-A1-10557

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ACAD\TTC\A1105571.DWG

ENGINEER:

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TAMURA CORPORATION OF AMERICA

MODEL SPECIFICATION

T. Shiozawa

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DIM: mm(In)

SCL: NONE

SH: 1 OF 1

APPROVED:

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V. Casey

MODEL NUMBER

TTC-271