

REV. Status

REVISION D
REVISED AND
REDRAWN ON
CAD/CAM
01/03/92 HA

REVISION E
TEMECULA
-WAS-
CARSON
REV DIMS
20.6(0.81)MAX
-WAS-
20.5(0.81)MAX
19.1(0.75)MAX
-WAS-
18.7(0.74)MAX
18.0(0.71)MAX
-WAS-
16.5(0.65)MAX
ADDED NOTE 4
1/15/93 TS

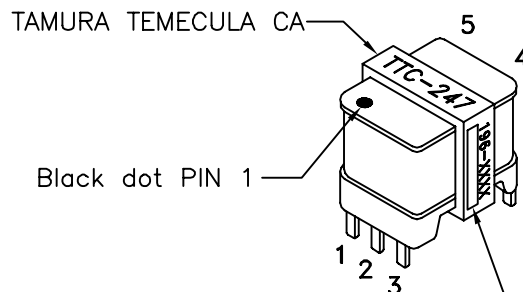
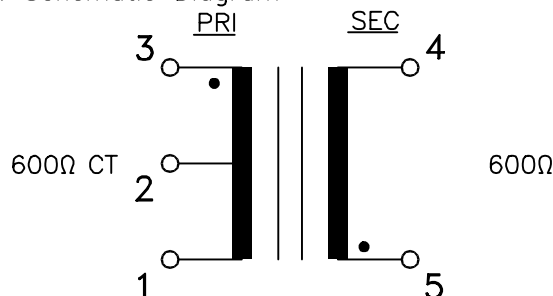
REVISION F
NEW FORMAT
06/25/96 TS

A. Electrical Specifications (@ 25 ° C)

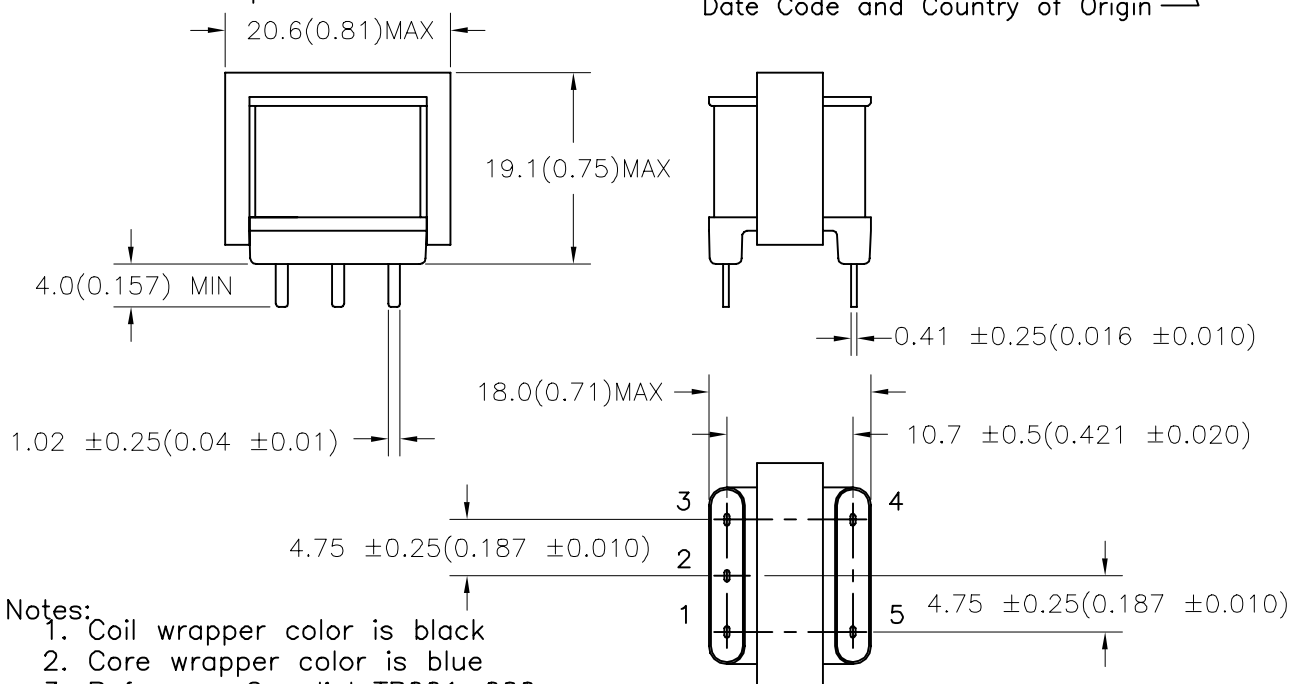
1. Impedance Ratio;
600 ? +20%, -5% CT : 600 Ω +20%, -5% @ 300 Hz to 3.5 KHz, 0 dBm
2. DC Resistance;
(1-2) = 22.0 Ω $\pm$ 20%
(2-3) = 22.0 Ω $\pm$ 20%
(1-3) = 44.0 Ω $\pm$ 20%
(4-5) = 56.0 Ω $\pm$ 20%
3. Turns Ratio;
(1-3) : (1-2) = 1 : 0.4989 - 0.5011
(1-3) : (4-5) = 1 : 0.9800 - 1.0200
4. Inductance; (1-3) 0.54 Hy MIN @ 300 Hz 0.75 V $\pm$ 0.05 V
5. Transmission;
-8.0 dB MAX @ 25KHz 0.75 V
-6.7 dB $\pm$ 0.3 (reading M) @ 1 KHz 0.75 V
M -0.6 dB MAX @ 300 Hz 0.75 V
M +0.3 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 @ windings, windings to Core
8. Induced Voltage; (1-3) 200 Vrms, 10 KHz, 1 minute

B. Marking; TTC-247, TAMURA TEMECULA CA, date code and country of origin

C. Schematic Diagram



D. Mechanical Specifications



Notes:

1. Coil wrapper color is black
2. Core wrapper color is blue
3. Reference Comdial TR001-000
4. See sheet 2 for TTC-248

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TTC-247

ACAD\TTC\C1102891.DWG

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TRANSFORMER

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CONTROL SPECIFICATION

P-C1-10289

REV

F

DIM: mm(In)

SCL: NONE

SH: 1 OF 2

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