

REVISION A
REVISED AND
REDRAWN ON
CAD/CAM
04/27/98 TS

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A. Electrical Specifications (@ 25°C)

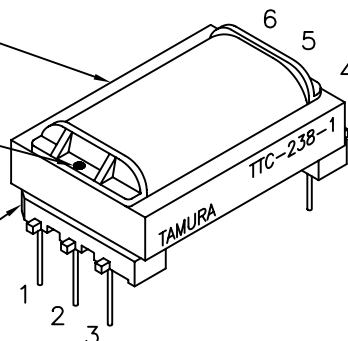
1. Pri Source Impedance: 600Ω CT
2. Sec Load Impedance: 600Ω CT
4. Operating Level: -45dBm to +10dBm
5. Insertion Loss:
1.7 dB MAX @ 1KHz 0dBm
6. Frequency Response (relative to 1KHz)
±0.7dB @ 300 to 3500Hz 0dBm
7. Pri Impedance: 600 Ω ±20% @ 300 to 1KHz 0dBm
8. Pri Return Loss: 17dB MIN @ 1KHz 0dBm
9. Longitudinal Balance: 60dB MIN @ 200 to 4000Hz
10. Total Harmonic Distortion: 1.0% MAX @ 300 to 3500Hz 0dBm
11. DC Resistance:
(1-3) = 47 Ω ±10%
(4-6) = 62 Ω ±10%
12. Turns Ratio: (1-3) : (6-4) = 1 : 1.00 ±2%
(1-2) : (2-3) = 1 : 1.00 ±2%
(4-5) : (5-6) = 1 : 1.00 ±2%
13. Dielectric Strength:
3750 Vrms 1 minute @ Pri to Sec
1250 Vrms 1 minute @ Pri to Core, Sec to Core

B. Marking: TTC-238-1, TAMURA, date code, country of origin

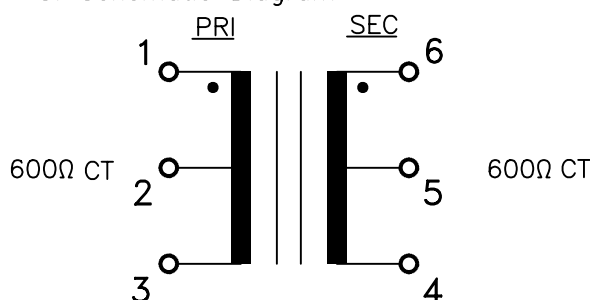
Date code and country of origin

White Dot (PRIMARY)

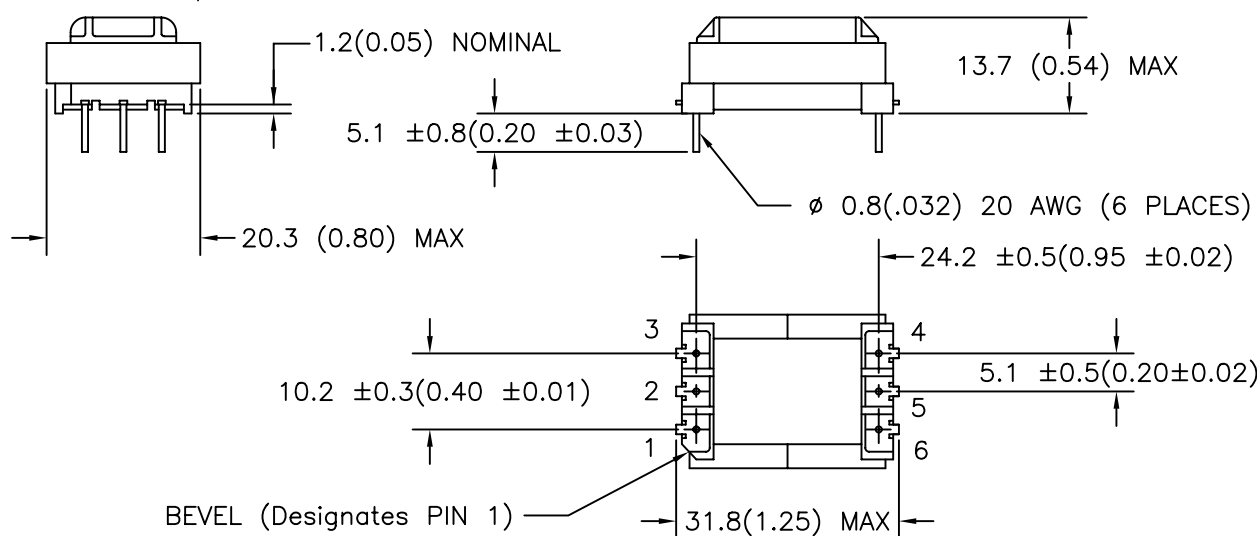
Bevel (PIN 1)



C. Schematic Diagram



D. Mechanical Specifications



TOLERANCES (mm)

≤ 4	± 0.2
4 ≤ 20	± 0.3
20 ≤ 50	± 0.4

PREPARED BY:

D. Kelley

ENGINEER:

T. Shiozawa

QUALITY CONTROL:

D. Kelley

APPROVED:

D. Kelley

DRAWING CONTROL NO.
P-A1-10258
ACAD\TTC\A1102581.DWG

REV
A

MODEL DESCRIPTION
TELECOMMUNICATION COUPLING
TRANSFORMER

TAMURA CORPORATION OF AMERICA
43352 BUSINESS PARK DRIVE, TEMECULA, CA. 92590-6624

MODEL SPECIFICATION

TTC-238-1

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

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