

REVISION F
REVISED AND
REDRAWN ON
CAD/CAM
04/09/92 TS

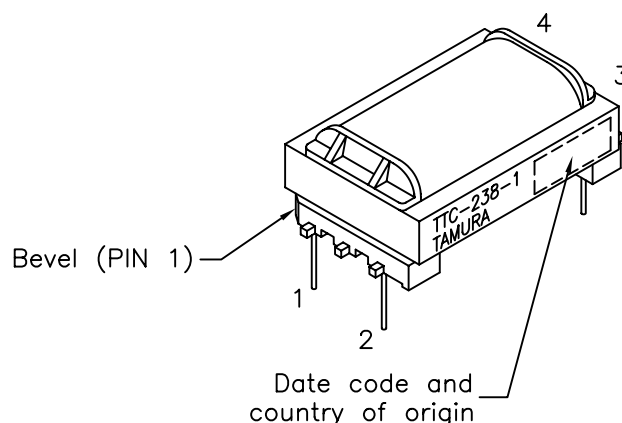
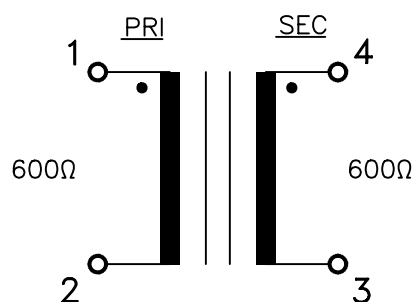
REVISION G
TEMECULA
-WAS-
CARSON
05/29/98 TS

A. Electrical Specifications (@ 25°C)

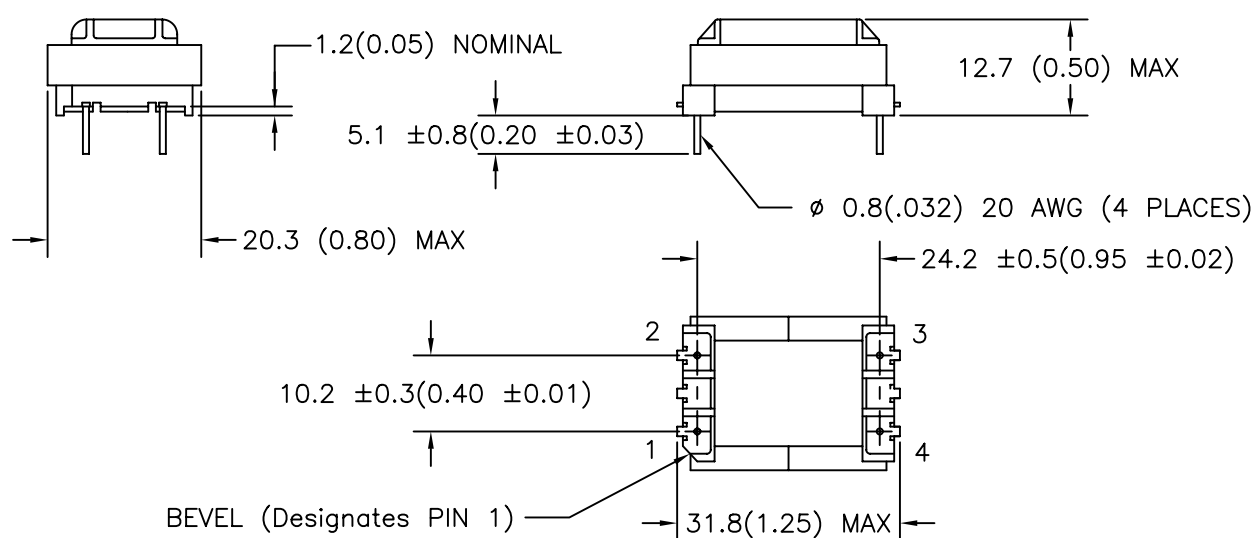
1. Pri Source Impedance: 600Ω
2. Sec Load Impedance: 600Ω
4. Operating Level: -45dBm to +10dBm
5. Insertion Loss:
1.7 dB MAX @ 1KHz 0dBm
6. Frequency Response (relative to 1KHz)
±0.7dB @ 300 to 3500Hz 0dBm
7. Pri Impedance: 600 Ω ±20% @ 300 to 1KHz 0dBm
8. Pri Return Loss: 17dB MIN @ 1KHz 0dBm
9. Longitudinal Balance: 60dB MIN @ 200 to 4000Hz
10. Total Harmonic Distortion: 1.0% MAX @ 300Hz 0dBm
11. DC Resistance:
(1-2) = 46 Ω ±10%
(3-4) = 57 Ω ±10%
12. Turns Ratio: (1-2) : (4-3) = 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, TAMURA, date code, country of origin

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. Suzuki

DRAWING CONTROL NO.

P-A1-10250
ACAD\TTC\A1102501.DWG

REV

G

MODEL DESCRIPTION
TELECOMMUNICATION COUPLING
TRANSFORMERTAMURA CORPORATION OF AMERICA
43352 BUSINESS PARK DRIVE, TEMECULA, CA. 92590-6624

MODEL SPECIFICATION

TTC-238

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

PROPRIETARY NOTICE: THIS DRAWING PRINT OR DOCUMENT AND SUBJECT MATTER DISCLOSED HEREIN ARE PROPRIETARY ITEMS TO WHICH TAMURA RETAINS THE EXCLUSIVE RIGHT OF DISSEMINATION, REPRODUCTION, MANUFACTURE AND SALE. THIS DRAWING, PRINT OR DOCUMENT IS SUBMITTED IN CONFIDENCE FOR CONSIDERATION BY THE RECIPIENT ALONE UNLESS PERMISSION FOR FURTHER DISCLOSURE IS EXPRESSLY GRANTED IN WRITING.

TRCELECTRONICS, INC.
"Authorized Distributor"
135 Pasadena Ave.
Lodi, NJ 07644 USA

Tel: (973) 779-8282
Fax: (973) 779-1490
sales@trcelectronics.com
http://www.trcelectronics.com