

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

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

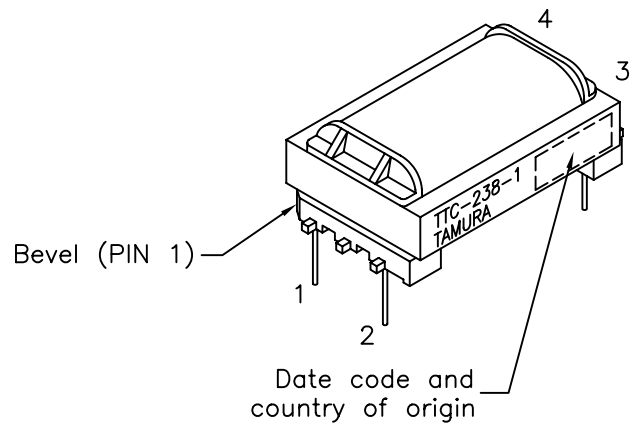
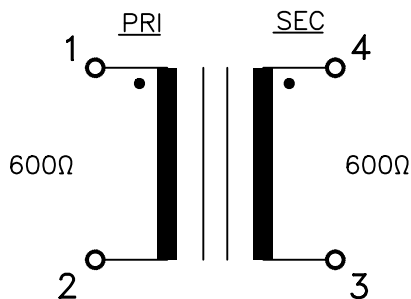
LOW PROFILE BABT TELECOMMUNICATION COUPLING TRANSFORMER 600 : 600

A. Electrical Specifications (@ 25°C)

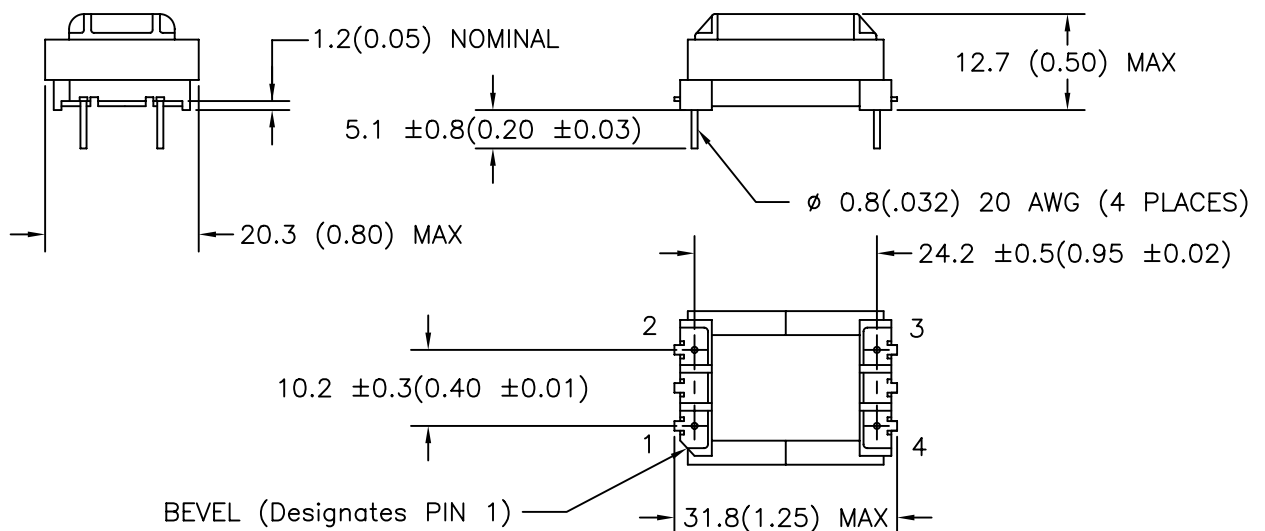
- 1. Pri Source Impedance: 600Ω
- 2. Sec Load Impedance: 600Ω
- 4. Operating Level: -45dBm to +10dBm
- 5. Insertion Loss:
1.7 dB MAX @ 1KHz 0dBm
- 6. Frequency Response (relative to 1KHz)
±0.7dB @ 300 to 3500Hz 0dBm
- 7. Pri Impedance: 600 Ω ±20% @ 300 to 1KHz 0dBm
- 8. Pri Return Loss: 17dB MIN @ 1KHz 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 TRANSFORMER		MODEL SPECIFICATION TTC-238		
CONTENTS OF THIS DRAWING ARE SUBJECT TO CHANGE WITHOUT PRIOR NOTICE			TAMURA CORPORATION OF AMERICA 43352 BUSINESS PARK DRIVE, TEMECULA, CA. 92590-6624 (909) 699-1270 FAX 9096769482		DIM: mm(In) SCL: NONE SH: 1 OF 1		
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MODEL NUMBER

TTC-238