

REVISION -
05/27/85 MSREVISION A
GRD PIN
04/27/87 MSREVISION B
REVISED AND
REDRAWN ON
CAD/CAM
04/24/98 TSTel: (973) 779-8282
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http://www.trcelectronics.com**TRCELECTRONICS, INC.**
"Authorized Distributor"
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Lodi, NJ 07644 USA

PREPARED BY:

D. Kelley

ENGINEER:

T. Shiozawa

QUALITY CONTROL:

D. Kelley

APPROVED:

D. Suzuki

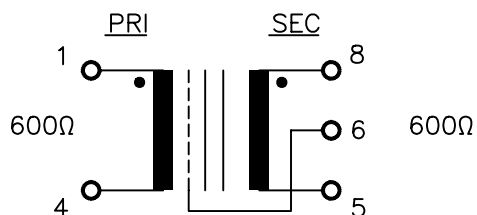
LOW PROFILE TELECOMMUNICATIONS TRANSFORMER 600:600 WITH SHIELD

A. Electrical Specifications (@ 25° C)

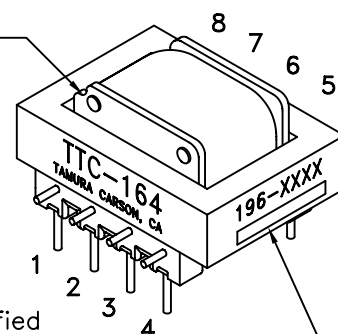
1. Pri Source Impedance; 600Ω
2. Sec Load Impedance; 600Ω Shielded
3. Pri DC Current; 0mA
4. Operating Level; -45dBm to +7dBm
5. Insertion Loss;
1.0dB MAX @ 1KHz, 0dBm, DC0mA
6. Frequency Response (relative to 1KHz);
±0.5dB @ 300Hz to 3.5KHz, 0dBm, DC 0mA
7. Pri Impedance; 600 Ω ±15% @ 300Hz to 3.5KHz, 0dBm, DC 0mA
8. Longitudinal Balance; 60dB MIN @ 200Hz to 4KHz
9. DC Resistance;
(1-4) = 34 Ω ±20%
(5-8) = 41 Ω ±20%
10. Turns Ratio; (1-4) : (5-8) = 1 : 1.00 ±2%
11. Dielectric Strength;
2500Vrms 1 minute @ Pri to Sec, Core and Shield
2500Vrms 1 minute @ Sec to Shield
1000Vrms 1 minute @ Sec to Core

B. Marking; TTC-164, TAMURA, 196-date code, country of origin

C. Schematic Diagram

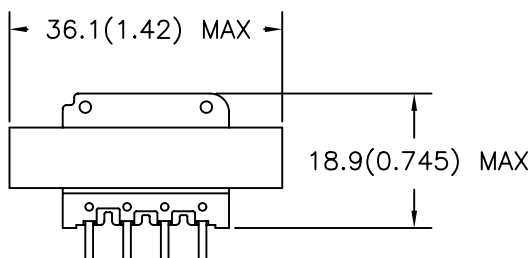


PIN 1 Designation

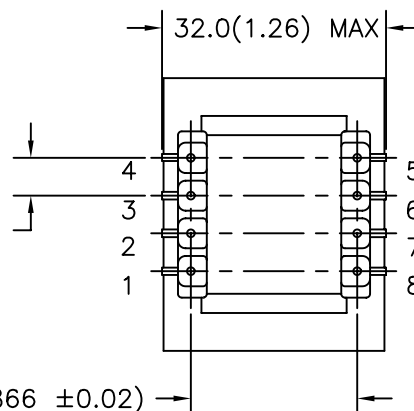
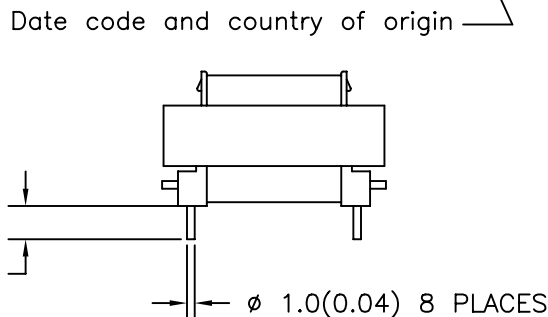


E. Mechanical Specifications;

All dimensions shown are nominal unless otherwise specified



4.3 ±1.0(0.17 ±0.04) 8 PLACES



22.0 ±0.5(0.866 ±0.02)

ENGINEER:	DWG CONTROL NO.	REV
T. Shiozawa	P-A1-10133	B
	ACAD\TTC\A1101331.DWG	
QUALITY CONTROL:	CONTENTS OF THIS DRAWING ARE SUBJECT TO CHANGE WITHOUT PRIOR NOTICE	
D. Kelley		

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

TTC-164

MODEL SPECIFICATION

DIM: mm(in) SCL: 1/1 SH: 1 OF 1

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MODEL NUMBER

TTC-164