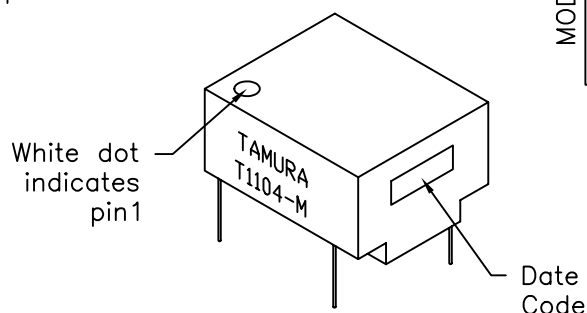


REVISION -
04/23/03 JCREVISION A
NEW
PACKAGE
REPLACING
P-A1-12147
10/28/03 JC

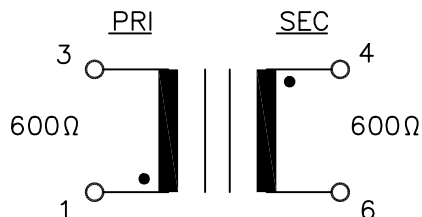
A. Electrical Specifications (@ 25°C)

1. Pri Source Impedance: 600Ω
2. Sec Load Impedance: 600Ω
3. Operating Level: -45dBm to $+7\text{dBm}$ and 0mA DC
4. Insertion Loss: $1.0\text{dB TYP @ } 1\text{KHz, } 0\text{dBm}$
5. Frequency Response (Relative to 1KHz):
 $\pm 0.5\text{dB @ } 300\text{Hz to } 3.5\text{KHz, } 0\text{dBm}$
6. DC Unbalance: 0mA DC
7. Total Harmonic Distortion: $0.5\% \text{ MAX}$
8. Return Loss: 26dB MIN
9. Longitudinal Balance:
 $60\text{dB MIN @ } 200\text{Hz to } 1\text{KHz}$
 $40\text{dB MIN @ } 1\text{KH to } 4\text{KHz}$
10. DC Resistance:
 $1-3 = 46\Omega \pm 15\%$
 $4-6 = 63\Omega \pm 15\%$
11. Dielectric Strength:
 $1500\text{Vrms, } 1 \text{ minute @ Pri to Sec and Pri to Core}$



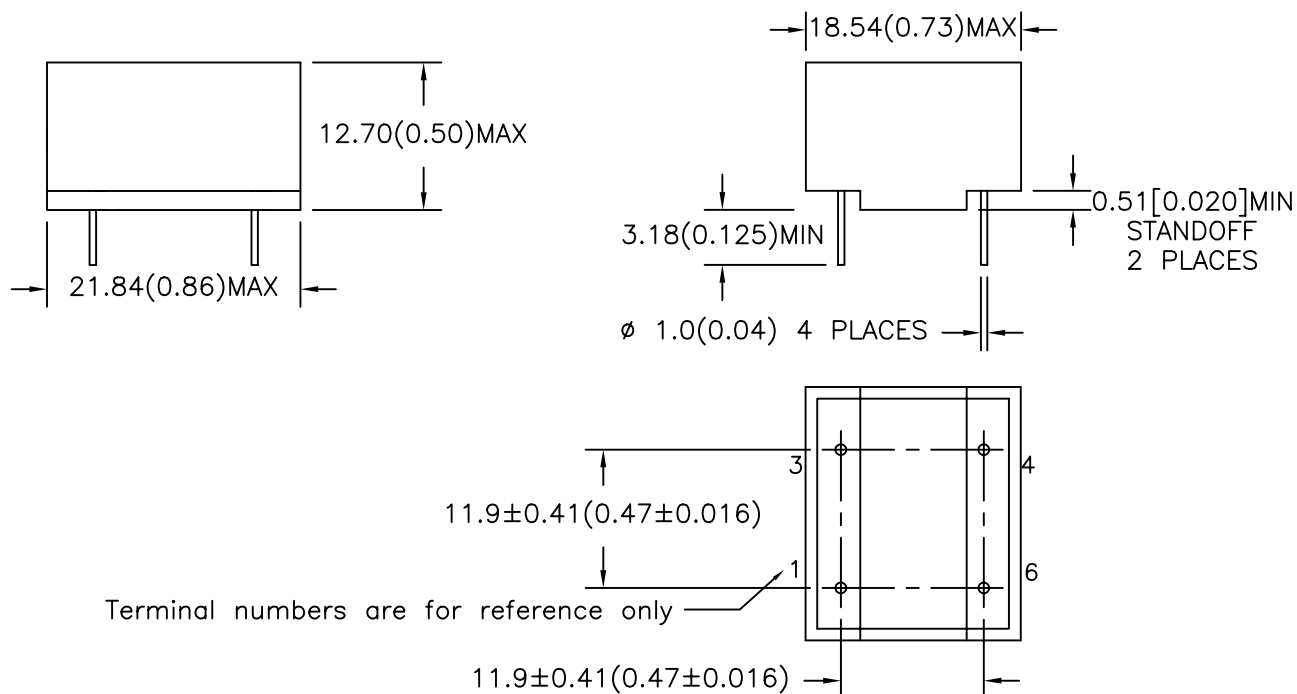
B. Marking: TAMURA, T1104-M, Date Code

C. Schematic Diagram:



D. Mechanical Specifications:

All dimensions shown are nominal unless otherwise specified



TOLERANCES (mm)

 $\leq 4 \pm 0.2$
 $4 \leq 20 \pm 0.3$
 $20 \leq 50 \pm 0.4$

PREPARED BY:

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ENGINEER:

Y. Sekiguchi

QUALITY CONTROL:

T. Clem

APPROVED:

J. Coleman

DRAWING CONTROL NO.
P-A1-13228
ACAD\MXFMR\A1132281.DWGREV
AMODEL DESCRIPTION
TELECOMMUNICATION COUPLING
TRANSFORMERTAMURA CORPORATION OF AMERICA
43352 BUSINESS PARK DRIVE, TEMECULA, CA. 92590-6624
(909) 699-1270 FAX 9096769482

MODEL SPECIFICATION

T1104-M

DIM: mm(In) SCL: 2/1 SH: 1 OF 1

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