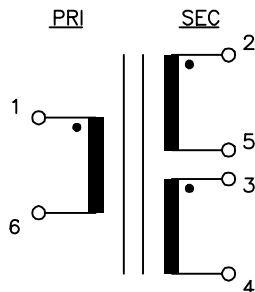
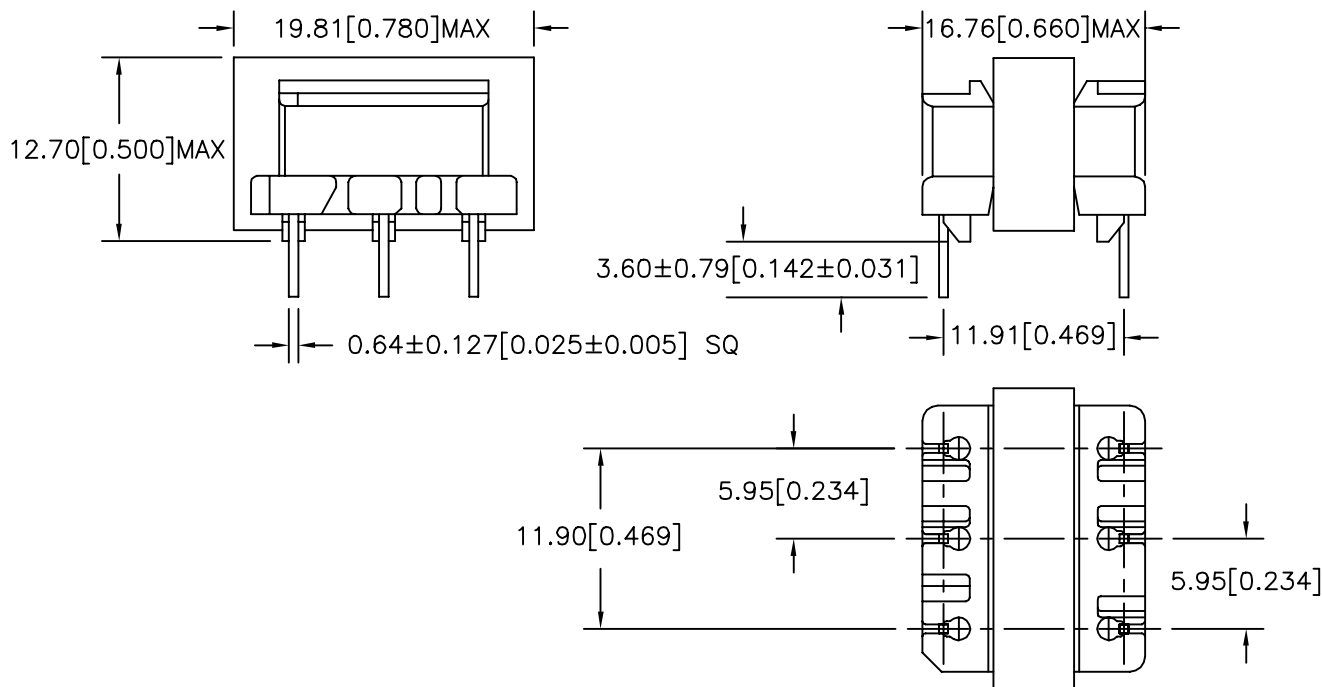


.5" LOW PROFILE HYBRID TRANSFORMER**A. Electrical Specifications (@ 25°C)**

1. Pri Source Impedance: 600Ω
2. Sec Load Impedance: 600Ω/600Ω
3. Operating Level: -45dBm to +7dBm
4. Insertion Loss: 0.7dB TYP @ 1KHz, 0dBm
5. Frequency Response (Relative to 1KHz):
±0.5dB @ 300Hz to 3.5KHz, 0dBm
6. DC Unbalance: 0mA DC
7. Turns Ratio:
(1-6):(2-5):(3-4)=1:0.734:0.734±3%
8. Longitudinal Balance:
60dB MIN @ 200Hz to 1KHz
40dB MIN @ 1KHz to 4KHz
9. DC Resistance:
(1-6) = 38.0Ω ±20%
(2-5) = 36.6Ω ±20%
(3-4) = 36.6Ω ±20%
10. Dielectric Strength:
1500 Vrms, 1 minute @ Pri to Sec and Pri to Core

B. Marking: TAMURA, TL1220 and date code**C. Safety:** CSA-C22.2 No. 950-M89 File No. 138028
UL1459, UL1950 File No. 138028**D. Schematic Diagram:****E. Mechanical Specifications:**

All dimensions shown are nominal unless otherwise specified



UL# E138028

MODEL NUMBER

TL1220

Notch
indicates
pin 1Date
Code**TOLERANCES (mm)**

≤ 4 ± 0.2
4 ≤ 20 ± 0.3
20 ≤ 50 ± 0.4

PREPARED BY:

Don Rundel

ENGINEER:

J. Strigman

QUALITY CONTROL:

Don Kelly

APPROVED:

Don Kelly

DRAWING CONTROL NO.

P-A1-12546

ACAD\MXFMR\A1125461.DWG

REV

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MODEL DESCRIPTION

COUPLING
TRANSFORMER

MODEL SPECIFICATION

TL1220

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SUBJECT TO CHANGE WITHOUT
PRIOR NOTICE**TAMURA CORPORATION OF AMERICA**
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(909) 699-1270 FAX 9096769482

DIM: mm(In)

SCL: 2/1

SH: 1 OF 1

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