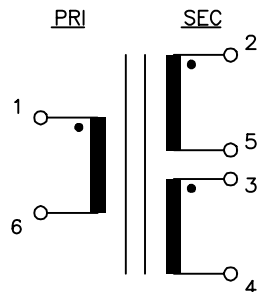
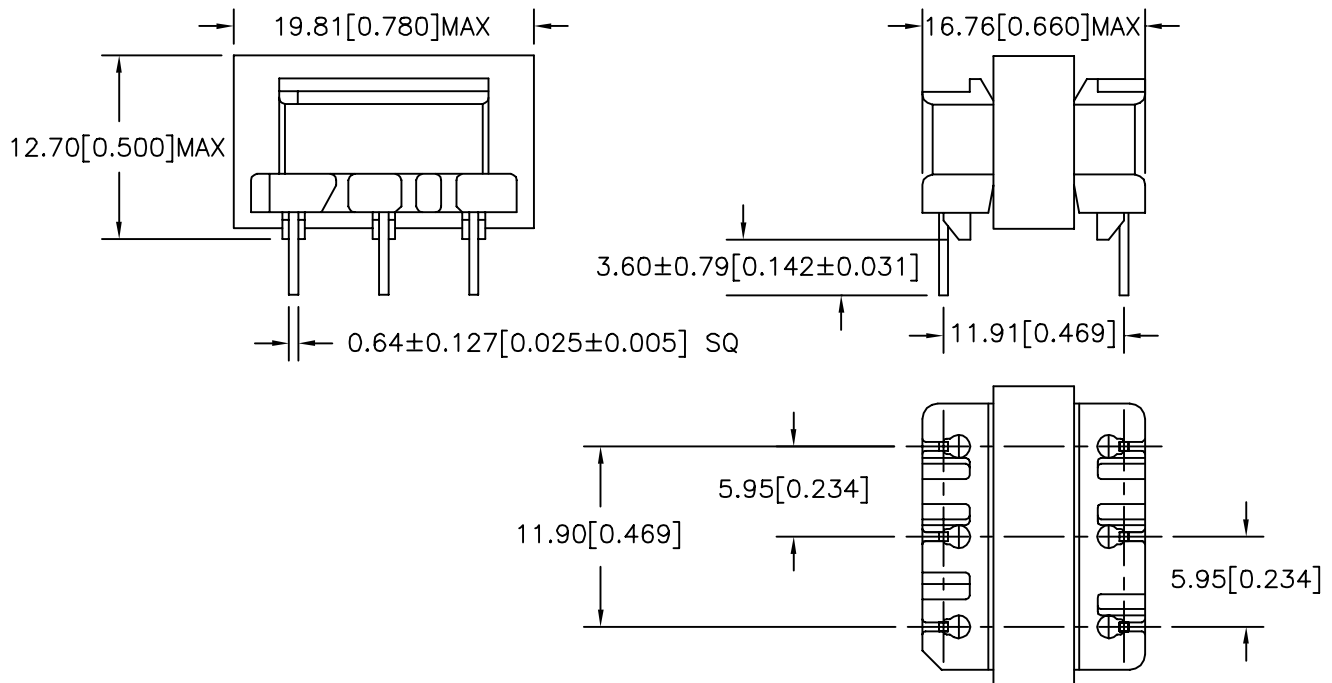


**.5" LOW PROFILE HYBRID TRANSFORMER****A. Electrical Specifications (@ 25°C)**

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:

Dawn Rundle

ENGINEER:

J. Strigman

QUALITY CONTROL:

Don Kelly

APPROVED:

Don Kelly

DRAWING CONTROL NO.  
P-A1-12546  
ACAD\MXFMR\A1125461.DWGREV  
—MODEL DESCRIPTION  
COUPLING  
TRANSFORMER**TAMURA CORPORATION OF AMERICA**  
43352 BUSINESS PARK DRIVE, TEMECULA, CA. 92590-6624  
(909) 699-1270 FAX 9096769482

MODEL SPECIFICATION

TL1220

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

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