

.5" LOW PROFILE HYBRID TRANSFORMER

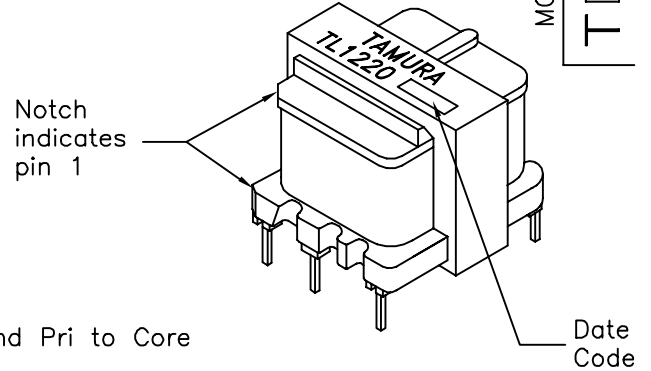
A. Electrical Specifications (@ 25°C)

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



MODEL NUMBER

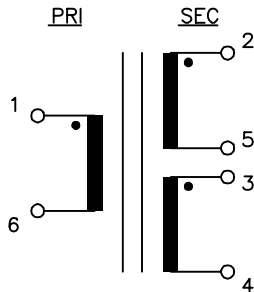
TL1220



B. Marking: TAMURA, TL1220 and date code

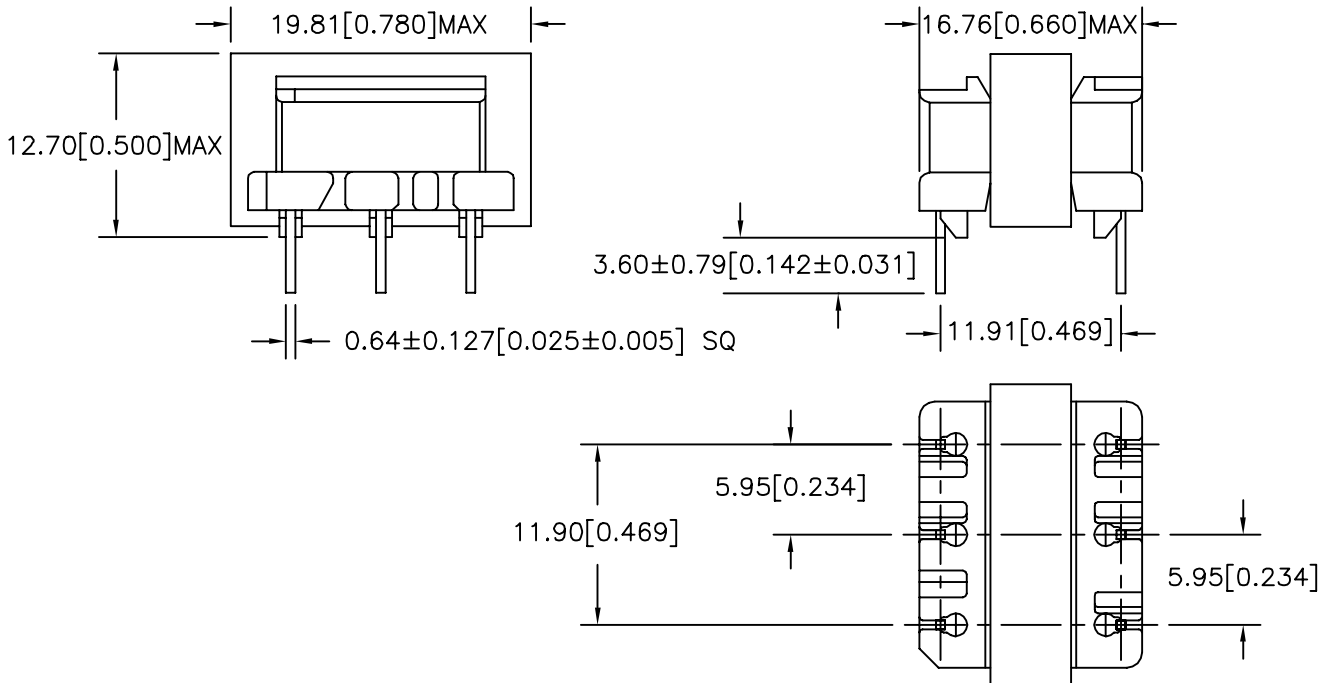
C. Safety: CSA-C22.2 No. 950-M89 File No. 138028
UL1459, UL1950 File No. 138028

D. Schematic Diagram:



E. Mechanical Specifications:

All dimensions shown are nominal unless otherwise specified



TOLERANCES (mm)
≤ 4 ± 0.2
4 ≤ 20 ± 0.3
20 ≤ 50 ± 0.4

PREPARED BY:

Don Rundel

ENGINEER:

J. Strigman

QUALITY CONTROL:

Don Kelly

Don Kelly

DRAWING CONTROL NO. P-A1-12546 ACAD\MXFMR\A1125461.DWG	REV -	MODEL DESCRIPTION COUPLING TRANSFORMER	MODEL SPECIFICATION TL1220
	TAMURA CORPORATION OF AMERICA 43352 BUSINESS PARK DRIVE, TEMECULA, CA. 92590-6624 (909) 699-1270 FAX 9096769482		DIM: mm(In) SCL: 2/1 SH: 1 OF 1

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