

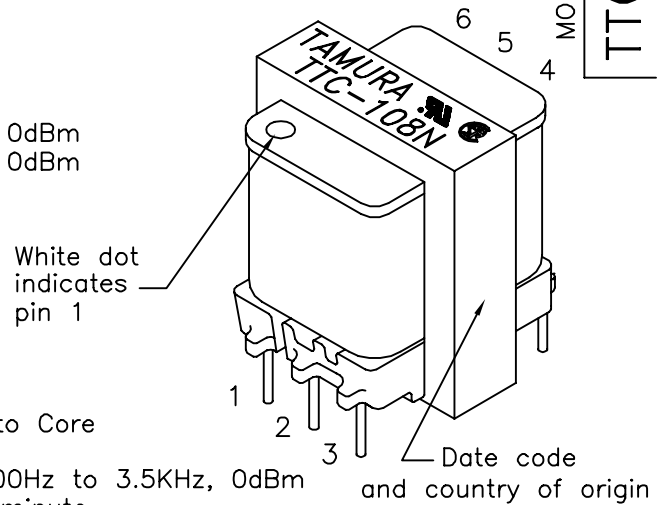
TELECOMMUNICATION DRY COUPLING TRANSFORMER DESIGNED TO OPERATE AT A MAX LEVEL OF +7dBm AND TO REFLECT A PRIMARY SOURCE IMPEDANCE OF APPROXIMATELY 600Ω CT WITH 600Ω CT LOAD ON SECONDARY.

A. Electrical Specifications (@ 25° C)

1. Pri Source Impedance; 600Ω CT
2. Sec Load Impedance; 600Ω CT
3. Operating Level; -45dBm to +7dBm
4. Insertion Loss; 1.4dB MAX @ 1KHz, 0dBm
5. Frequency Response; ±0.5B @ 300Hz to 3.5KHz @ 0dBm
6. Primary Impedance; 600Ω +15%, -5% @ 300Hz to 3.5KHz, 0dBm
600Ω +10%, -5% @ 500Hz to 2.5KHz, 0dBm
7. Longitudinal Balance; 60dB MIN @ 200 to 1KHz
40dB MIN @ 4KHz
8. DC Resistance; (1-3)=44Ω ±20%
(4-6)=56Ω ±20%
9. Turns Ratio; (1-3):(4-6)=1:1.00 ±2%
10. Dielectric Strength; 1500Vrms 1 minute @ Pri to Sec, Pri to Core
1000Vrms 1 minute @ Sec to Core
11. Total Harmonic Distortion: 0.5% MAX @ 300Hz to 3.5KHz, 0dBm
12. Induced Voltage; (1-3) 250Vrms 5KHz 1 minute



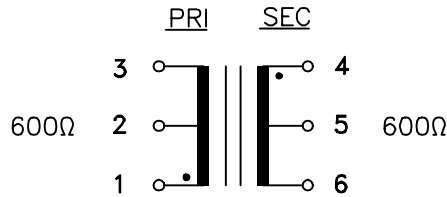
MODEL NUMBER
TTC-108N



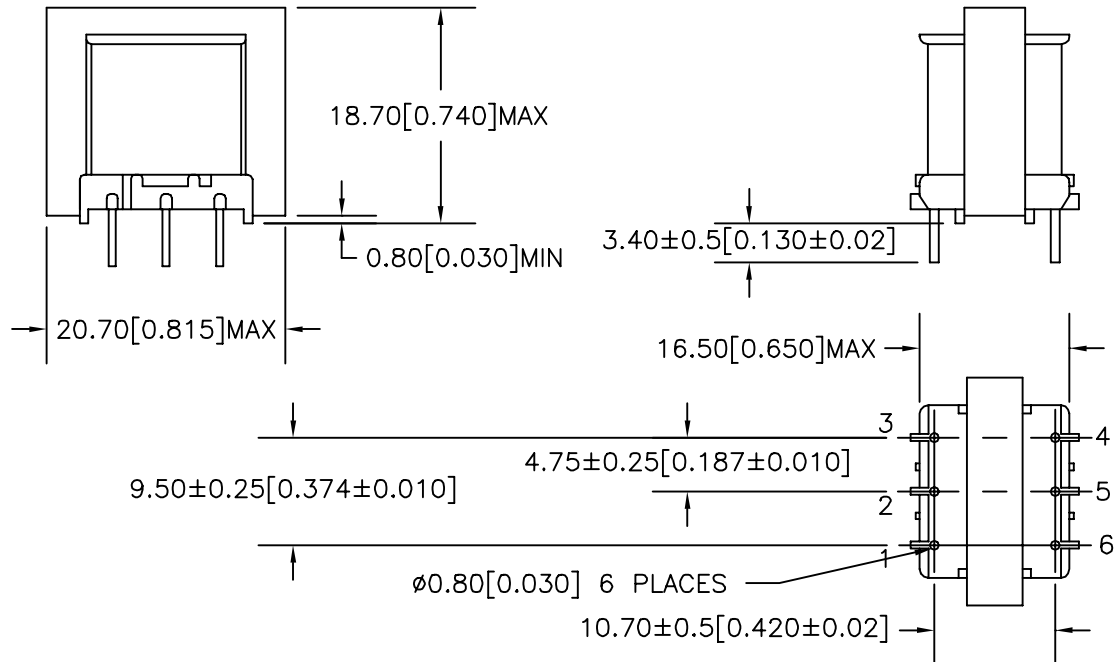
B. Marking; TTC-108N, TAMURA, agency logos, date code and country of origin

C. Safety: CSA C22.2 No. 66-M 1988, File No. LR81383, UL 1459, File No. E142035

D. Schematic Diagram;



E. Mechanical Specifications;



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QUALITY CONTROL:

D. Kelley

APPROVED:

D. Kelley

DWG CONTROL NO. P-A1-11336
ACAD\TTC\A1113361.DWG

REV -

TELECOMMUNICATION
COUPLING TRANSFORMER

TAMURA CORPORATION OF AMERICA
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TTC-108N

MODEL SPECIFICATION

DIM: mm(ln) SCL: 1.5/1 SH: 1 OF 1

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