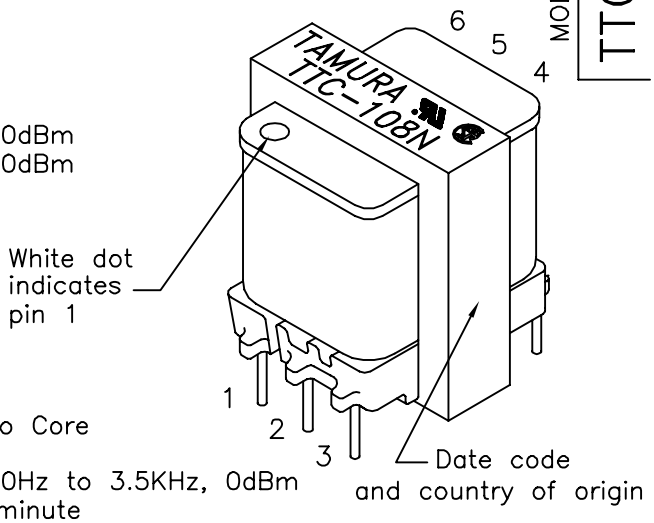
REV. Status

REVISION –
03/27/00 TS

MODEL NUMBER
TTC–108N

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.

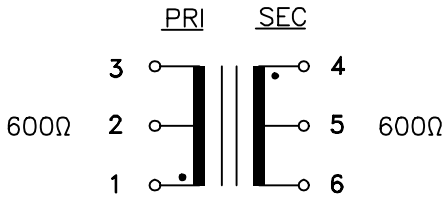
A. Electrical Specifications (@ 25° C)
1. Pri Source Impedance; 600Ω CT
2. Sec Load Impedance; 600Ω CT
3. Operating Level; –45dBm to +7dBm
4. Insertion Loss;
   1.4dB MAX @ 1KHz, 0dBm
5. Frequency Response;
   ±0.5B @ 300Hz to 3.5KHz @ 0dBm
6. Primary Impedance;
   600Ω +15%, –5% @ 300Hz to 3.5KHz, 0dBm
   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



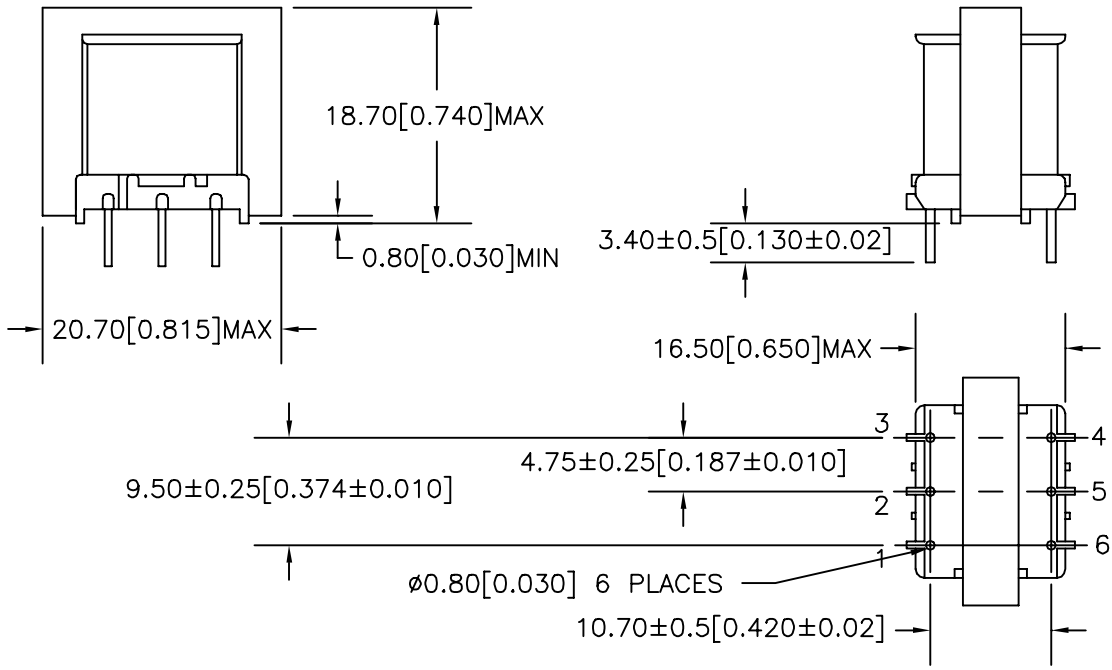
B. Marking; TTC–108N, TAMURA, agency logos, date code and country of origin

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

D. Schematic Diagram;



E. Mechanical Specifications;



PREPARED BY:
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DWG CONTROL NO.	REV
P–A1–11336 ACAD\TTC\A1113361.DWG	–

TELECOMMUNICATION COUPLING TRANSFORMER

CONTENTS OF THIS DRAWING ARE SUBJECT TO CHANGE WITHOUT PRIOR NOTICE

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TTC–108N
MODEL SPECIFICATION

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

Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

Tamura:
TTC-108N