

REV. Status

REVISION -  
11/18/94 TS

REVISION A  
ADDED WHITE  
DOT PIN 1  
4/26/95 TS

REVISION B  
ADDED AGENCY,  
LOGOS, TERMINAL  
REF. NOTE,  
DCR TO ±15%  
7/31/95 TS

REVISION C  
ADDED TERMINAL  
NUMBERS TO  
MARKING  
8/18/95 TS

REVISION D  
CORRECTED  
MARKING  
& PIN DIMS  
10/03/95 TS

REVISION E  
NEW FORMAT  
07/17/96 TS

LOW PROFILE TELECOMMUNICATON DRY COUPLING TRANSFORMER FEATURING RIGID SQUARE PINS

A. Electrical Specifications (@ 25° C)

1. Pri Source Impedance: 600 Ω
2. Sec Load Impedance: 600 Ω
3. Operating Level: -45 dBm to +7 dBm and 0mA DC
4. Insertion Loss: 1.0 dB TYP @ 1 KHz, 0dBm
5. Frequency Response (Relative to 1 KHz):  
±0.5 dB @ 300 Hz to 3.5 KHz
6. DC Unbalance: 0mA DC
7. Distortion: 0.5% MAX
8. Return Loss: 26 dB MIN
9. Longitudinal Balance:  
60 dB MIN @ 200 Hz to 1 KHz  
40 dB MIN @ 1 KHz to 4 KHz

10. DC Resistance:

- 1-2 = 46 Ω ±15%
- 3-4 = 63 Ω ±15%

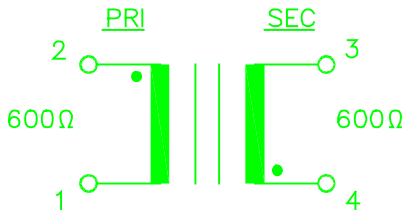
11. Dielectric Strength:

1500 Vrms, 1 minute @ Pri to Sec and Pri to Core

B. Marking: TTC-272N, TAMURA, CA, terminal numbers, 2583180M01, 196-date code and country of origin

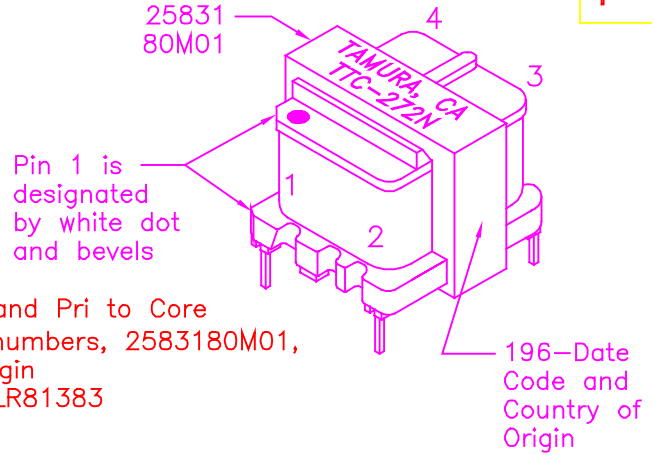
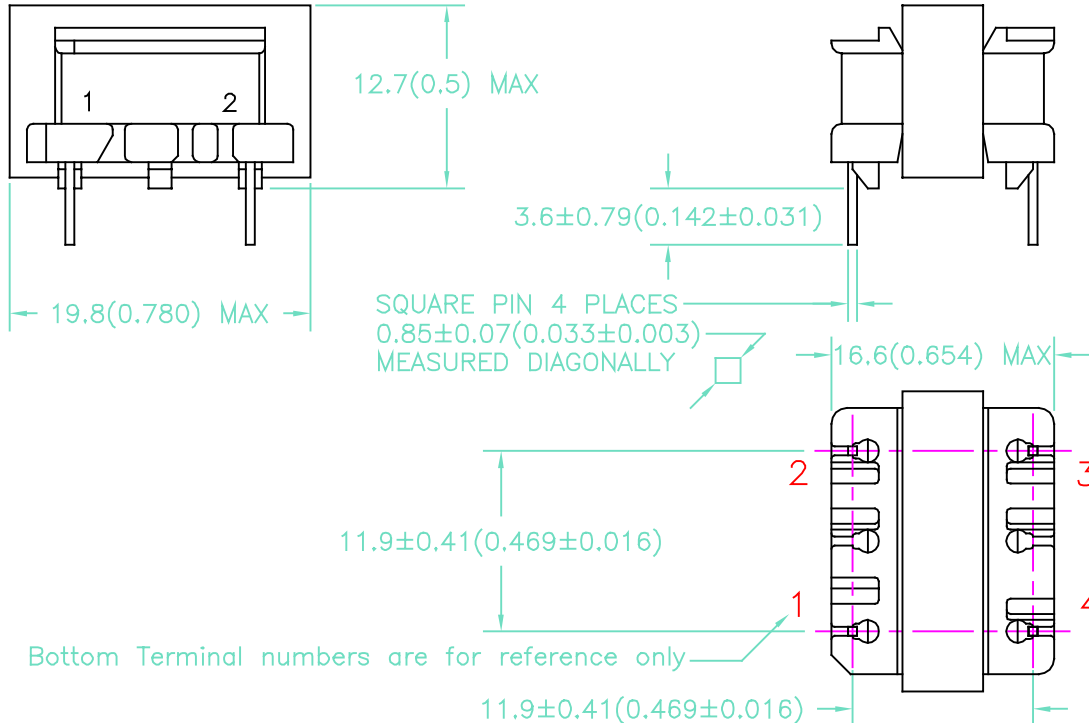
C. Safety: CSA-22.2 No. 66-M1988 File No. LR81383  
UL 1863 File No. E142035

D. Schematic Diagram:



E. Mechanical Specifications:

All dimensions shown are nominal unless otherwise specified



MODEL NUMBER  
**TTC-272N**

PREPARED BY:

ENGINEER:

DRAWING CONTROL NO.  
P-A1-11103  
ACAD\TTC\A111031.DWG

REV  
**E**

MODEL DESCRIPTION  
TELECOMMUNICATION DRY  
COUPLING TRANSFORMER

MODEL SPECIFICATION

**TTC-272N**

QUALITY CONTROL:

CONTENTS OF THIS DRAWING ARE  
SUBJECT TO CHANGE WITHOUT  
PRIOR NOTICE

**TAMURA CORPORATION OF AMERICA**  
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DIM: mm(In) SCL: 2/1 SH: 1 OF 1

APPROVED:

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