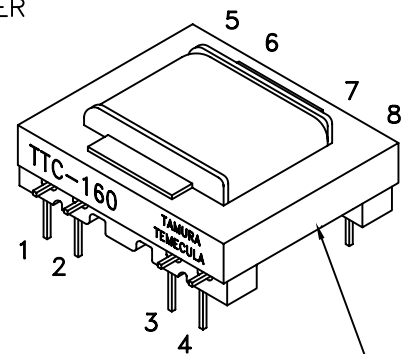


LOW PROFILE TELECOMMUNICATION COUPLING TRANSFORMER

A. Electrical Specifications (@ 25°C)

1. Pri Source Impedance; 600 Ω Shielded
2. Sec Load Impedance; 600 Ω
3. Sec DC Current; 120mA MAX (5–8)
4. Operating Level; –45dBm to +7dBm
5. Insertion Loss;
1.3dB TYP 1.5dB MAX @ 1KHz, 0dBm, DC120mA
6. Frequency Response; (relative to 1KHz)
±0.5dB @ 300Hz to 3.5KHz, 0dBm, DC120mA
7. Return Loss;
18dB TYP @ 1KHz, 0dBm, DC120mA
8. Longitudinal Balance; 60dB MIN @ 200Hz to 4KHz
9. Total Harmonic Distortion; 0.1% MAX @ 300Hz, 0dBm, DC120mA
10. DC Resistance;
(1–4) = 57.5Ω ±15%
(5–8) = 99.0Ω ±15%
11. Turns Ratio;
(1–4) : (5–8) = 1 : 1.10
12. Dielectric Strength;
2200VDC 1 minute @ Pri to Sec, Pri to Shield, Sec to Shield



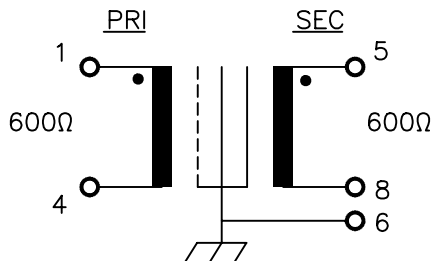
MODEL NUMBER

TTC-160

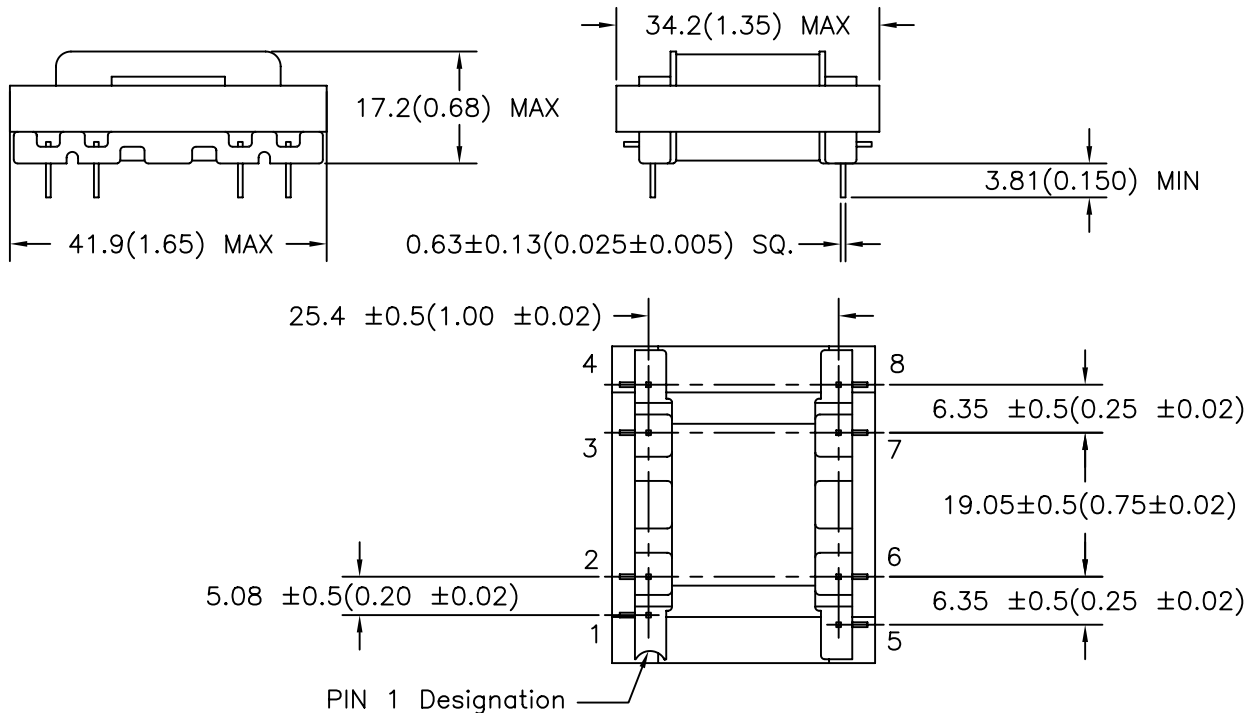
Date code and country of origin

B. Marking; TTC-160, TAMURA, date code and country of origin

C. Schematic Diagram



D. Mechanical Specifications



PREPARED BY:

D. Rund

ENGINEER:

T. Shiozawa

QUALITY CONTROL:

D. Kelley

APPROVED:

D. Kelley

DRAWING CONTROL NO.
P-A1-10183
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REV

B

MODEL DESCRIPTION
TELECOMMUNICATION COUPLING
TRANSFORMER

TAMURA CORPORATION OF AMERICA

43352 BUSINESS PARK DRIVE, TEMECULA, CA. 92590-6624
(909) 699-1270 FAX 9096769482

MODEL SPECIFICATION

TTC-160

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

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