REV. Status

REVISION –
03/23/92 HA

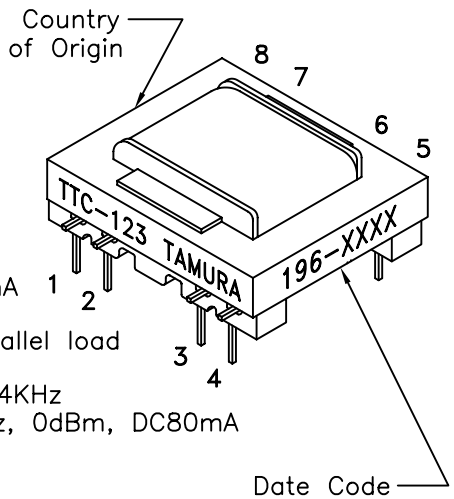
REVISION A
NEW FORMAT.
TEMECULA
WAS CARSON
REVISED DIM
19.05±0.5
(0.75±0.02)
–WAS–
6.35±0.5
(0.25±0.02)
05/13/98 TS

MODEL NUMBER
TTC–123

LOW PROFILE TELECOMMUNICATION COUPLING TRANSFORMER

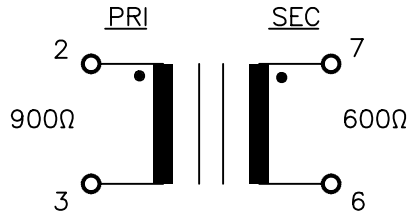
A. Electrical Specifications (@ 25°C)

1. Pri Source Impedance; 900 Ω Nominal
2. Sec Load Impedance; 600 Ω
3. Sec DC Current; 80mA MAX (7–6)
4. Operating Level; –45dBm to +7dBm
5. Insertion Loss;
   1.1dB TYP @ 1KHz, 0dBm, DC80mA
   1.5dB MAX
6. Frequency Response; (relative to 1KHz)
   ±0.7dB @ 300Hz to 3.5KHz, 0dBm, DC80mA
7. Return Loss;
   22dB TYP @ approx. 460Ω plus 0.04uF parallel load
   16dB TYP @ 600Ω load
8. Longitudinal Balance; 60dB MIN @ 200Hz to 4KHz
9. Total Harmonic Distortion; 0.3% MAX @ 300Hz, 0dBm, DC80mA
10. DC Resistance;
    (2–3)= 78 Ω ±10%
    (7–6)= 88 Ω ±10%
11. Turns Ratio;
    (2–3) : (7–6) = 1 : 0.816 ±2%
12. Dielectric Strength;
    1500 Vrms 1 minute @ Pri to Sec, Pri to Core
    1000 Vrms 1 minute @ Sec to Core

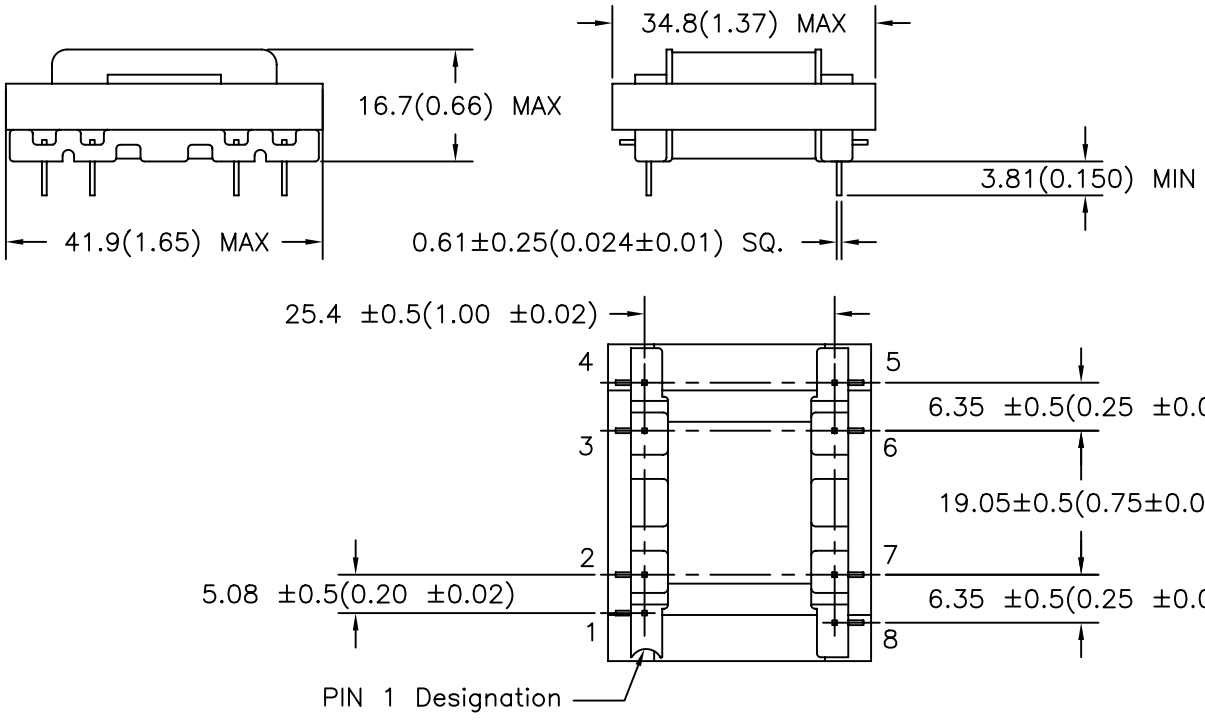


B. Marking; TTC–123, TAMURA, date code and country of origin

C. Schematic Diagram



D. Mechanical Specifications



PREPARED BY: D. Kelley

ENGINEER: T. Shiozawa

QUALITY CONTROL: D. Kelley

APPROVED: D. Suzuki

DRAWING CONTROL NO.	REV	MODEL DESCRIPTION	MODEL SPECIFICATION
P–A1–10611 ACAD\TTC\A1106111.DWG	A	TELECOMMUNICATION COUPLING TRANSFORMER	TTC–123

CONTENTS OF THIS DRAWING ARE SUBJECT TO CHANGE WITHOUT PRIOR NOTICE

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