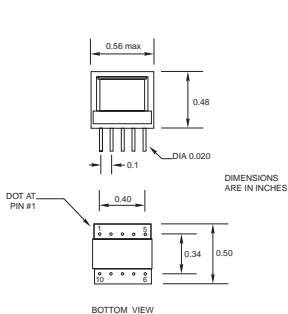
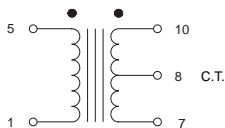


TEA5971 is a 1 : 1 line matching transformer with the following features:

- Low cost.
- Small size.
- Conforming to FCC part 68 and CS 03 regulations.
- Balanced center tapped winding.

Applications:

Line matching in 600 Ω circuits where no loop current handling is required.


MECHANICAL

Schematic

ELECTRICAL SPECIFICATION

Impedance	600 Ω : 600 Ω C.T.	
Insertion Loss	< 0.5 dB	@ 1000 Hz
Frequency Response	< 1.0 dB	300 - 3500 Hz
Longitudinal Balance	> 65 dB	300-3500Hz
Inductance @1KHz, 0.1V	> 900mH	1 -5
Winding Resistance	29 Ω	1 -5
	37 Ω	7 -10
Return loss	> 15 dB	300 - 5000 Hz
	> 18 dB	500 - 3500 Hz
Dielectric Strength	1500 Vrms	