

5093 is a 1:1 line matching transformer with the following features:

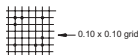
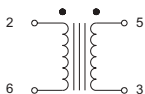
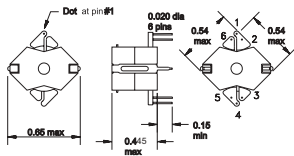
- Small size.
- Conforming to FCC part 68 and CS 03 regulations.
- Low cost.

Applications:

Interfacing of Telecommunications equipment to 600Ω lines.



### MECHANICAL AND SCHEMATIC (All dimensions in inches)



Drill pattern

### ELECTRICAL SPECIFICATION

5093 has the following electrical performance when terminated with 600Ω impedance.

Frequency Response	< 0.2 dB	300 Hz - 5000 Hz
Insertion Loss	< 2.0 dB	@ 1000 Hz
Harmonic Distortion	1 % Max	@ 300 Hz with 0 dBm input
Dielectric Strength	1500 V RMS	winding to winding & windings to core