

3817 is a 1 : 1 line matching transformer with the following features:

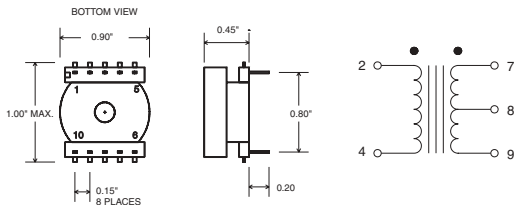
- Low profile
- Conforming to FCC part 68 and CS 03 regulations
- Low bridging and insertion losses
- Low cost

**Applications:**

- Interfacing of telecommunications equipment to 600W or 900W lines



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



**ELECTRICAL SPECIFICATION**

3817 has the following electrical performance when terminated with 600 W impedances.

Frequency Response	$\pm 0.5$ dB	100 Hz - 20 KHz
Insertion Loss	1.4 dB typ.	@ 1000 Hz
Longitudinal Balance	> 60 dB	200 - 4000 Hz
Return Loss	> 15 dB	200 - 4000 Hz
Dielectric Strength	1500 Vrms	winding to winding and windings to core