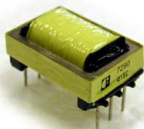


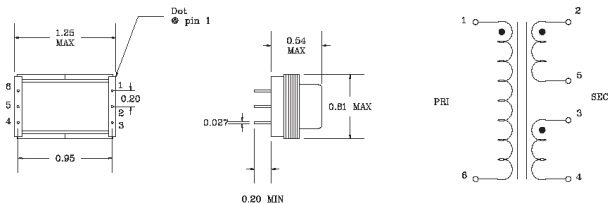
TLA7290 is designed to interface telecommunications equipment to a telephone line, capable of handling unbalanced DC.

Applications:

- Low profile
- Up to 30 mA unbalanced line current
- Exceeds the requirements of FCC Part 68 and CS 03



MECHANICAL AND SCHEMATIC (All dimensions in inches)



ELECTRICAL SPECIFICATION @ 25°C

| | | |
|----------------------|---------------|------------------|
| Line Impedance | Pri | 600 Ω |
| | Sec | 150/150 Ω |
| Turns Ratio | Pri : Sec | 1:1 |
| D.C.R | Pri | 50 Ω |
| | Sec | 20 + 20 Ω |
| Insertion Loss | @ 1000 Hz | 1.2 dB max |
| Frequency Response | 300 – 3500 Hz | 1.5 dB max |
| Longitudinal Balance | 300 – 3500 Hz | > 65 dB |
| Return Loss | @ 1.8 kHz | > 18 dB |
| DC Capability | | 30 mA |
| Dielectric Strength | | 1500 Vrms |