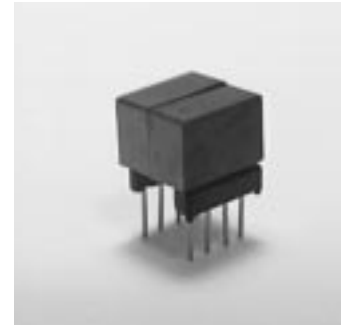


TEP4532 is a 1 : 1 line matching transformer with the following features.

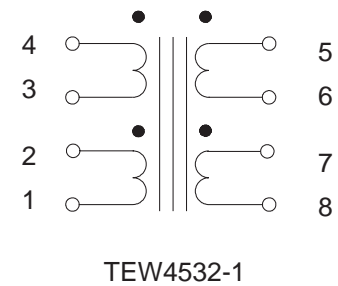
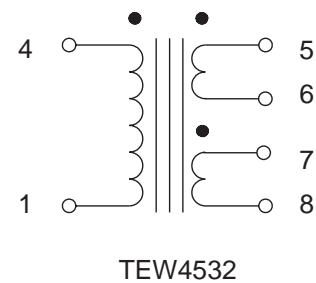
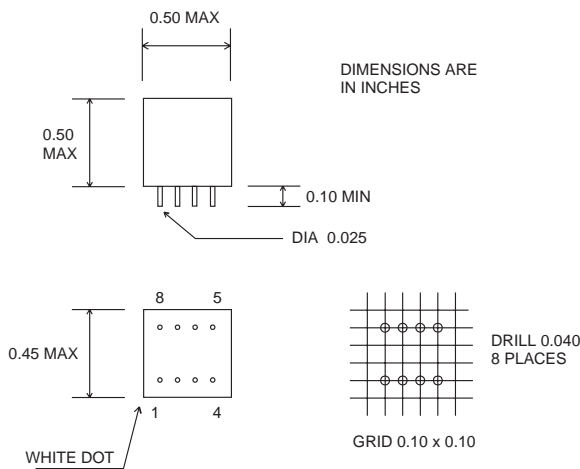
- Low profile.
- Small volume.
- Conforming to FCC part 68 and Canadian CS 03.
- Split secondary windings to enable center tapped current feed.

Applications:

Interfacing equipment to telephone line when small size and high insulation voltage is required.



MECHANICAL



ELECTRICAL

| | | TEP4532 | TEP4532-1 |
|----------------------|---------------|-----------|-------------------|
| Impedance | Ohms | 600 : 600 | 150/150 : 150/150 |
| Winding Resistance | pin 1 - 4 | 54.5 Ω | 54.5 Ω |
| | pin 5 - 6 | 26.6 Ω | 26.6 Ω |
| | pin 7 - 8 | 26.6 Ω | 26.6 Ω |
| Insertion Loss | 1000 Hz | < 1.0 dB | < 1.0 dB |
| Frequency Response | 200 - 3500 Hz | < 0.25 dB | < 0.25 dB |
| Longitudinal Balance | 200 - 3500 Hz | > 65 dB | > 65 dB |
| Return loss | 200 - 3500 Hz | >15 dB | >15 dB |
| Dielectric Strength | Pri to Sec | 1500 Vrms | 1500 Vrms |

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