

ADSL Magnetics Globespan



TM01376

- Designed to comply with the requirements of GR1089, UL1950, EN60950, BABT and CSA950 to provide a supplementary insulation barrier with a working voltage of 250V
- UL File Number E150991
- Minimum interwinding breakdown voltage of 1500 Vrms
- Operating and storage temperature range: -40° to +85° C
- Meets IEC 695, 2-2 flammability requirements
- PWB Process Capability: standard printed wiring board assembly techniques, total-immersion cleaning
- Reliability testing: shock, vibration, temperature cycling, temperature - humidity - bias

ELECTRICAL SPECIFICATIONS AT 25° C

| Part Number | Turns Ratio ±2% | Inductance ¹ mH ±5% | Leakage Inductance ² µH max | DCR Ω max | | Longitudinal Balance dB min | Insertion Loss dB max | Harmonic Distortion ³ dB max |
|--------------|--------------------|-----------------------------------|---|--------------|-----------|--------------------------------|--------------------------|--|
| | Chip : Line | Line Side | Line Side | Chip Side | Line Side | 100 kHz - 300 kHz | 100 kHz | 5 kHz Fundamental |
| 0560-6600-CN | 1 : 5.4 | 3 | 15 | 0.40 | 2.96 | 55 | 0.7 | -75 |

All measurements are made with pins 2 and 4 connected

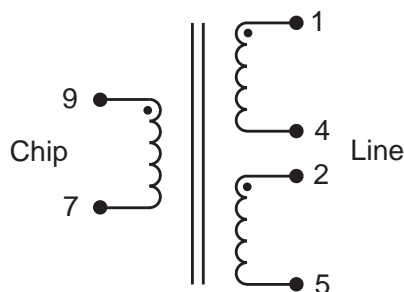
1. Inductance measured at 10 kHz, 0.1 Vac, 100 mA DC

2. Measured at 100 kHz, 0.1 Vac

3. Measurements made with 100Ω source and 4.6Ω load impedance, 2 Vrms

SCHEMATIC

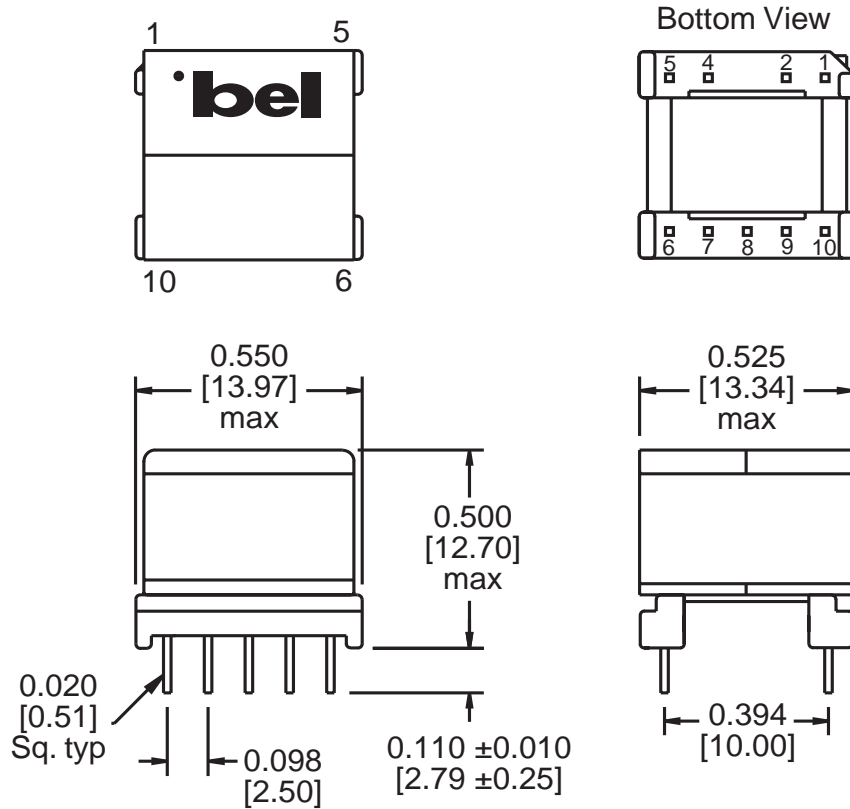
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MECHANICAL

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Dimensions are in inches [millimeters].
Standard dimension tolerance is ± 0.005 [0.13] unless otherwise noted.

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