

ADSL Magnetics

Tioga

TM01364

- 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
- Footprint compatible with EP7 surface mount package
- 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

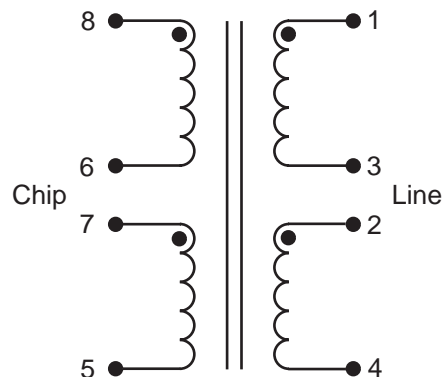
Part Number	Turns Ratio ±2%	Inductance ¹ μH ±10%	Leakage Inductance ³ μH max	DCR Ω max		Harmonic Distortion ² dB max
	Chip : Line	Line Side	Line Side	Chip Side	Line Side	30 kHz +10 dBm on 100 Ω load on Line Side
S560-6611-09	1 : 1	280	1.5	3.4	3.4	85

All measurements are made with pins 2 and 3 connected and pins 6 and 7 connected

- Inductance measured at 10 kHz, 0.1 Vac
- Measurements made with 100Ω source and 100Ω load impedance
- Leakage inductance measured at 100 kHz, 0.1 Vac

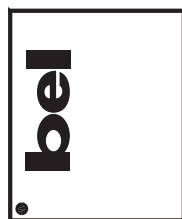
SCHEMATIC

S560-6611-09

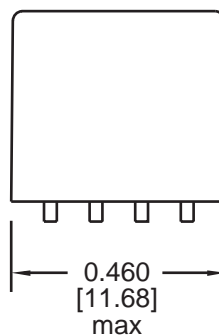
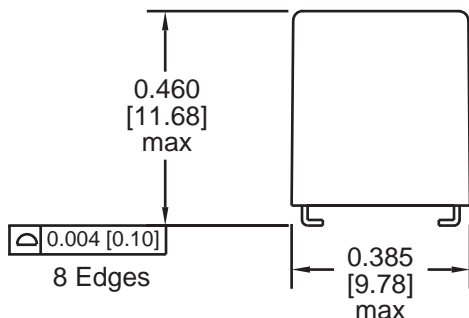
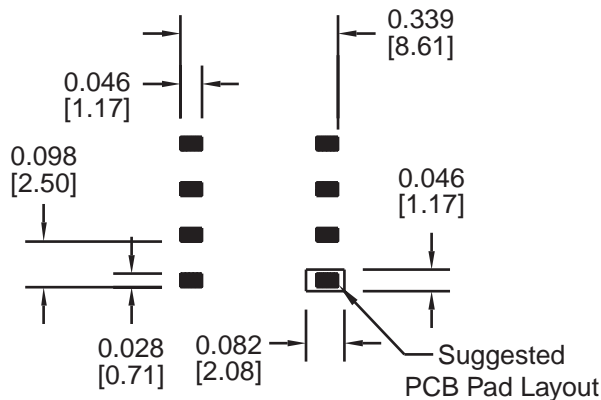


MECHANICAL

S560-6611-09

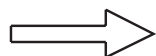
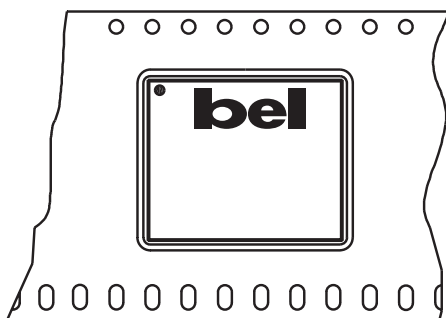


Terminal Dimensions



Dimensions are in inches [millimeters].

Standard dimension tolerance is ± 0.005 [0.13] unless otherwise noted.



User Feed Direction

Orientation of Component Inside Pocket

Tape and Reel Packaging

32 mm wide by 16 mm pitch; 13 inch OD, 4 inch ID
300 components per reel, maximum
Meets ANSI/EIA 481-2 Carrier Tape Standards

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