

ADSL Magnetics

Globespan



TM01382

- Designed to comply with the requirements of GR1089, UL1950, EN60950, BAPT 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 nom ±10%		Longitudinal Balance dB max	Insertion Loss dB max	Frequency Response dB max	Harmonic Distortion ³ dB max
	Chip : Line	Line Side	Line Side	Chip Side	Line Side	20 kHz - 300 kHz	100 kHz	100 kHz - 300 kHz	100 kHz
S560-6600-71	1 : 1	405.5	10	0.76	0.85	-55	0.5	±0.5	-80

All measurements are made with pins 2 and 4 connected and pins 7 and 9 connected

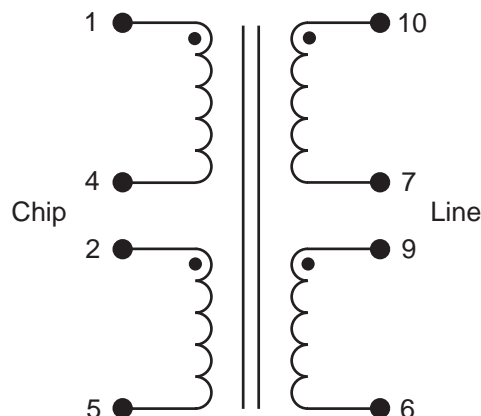
1. Inductance measured at 10 kHz, 0.1 Vac, 100 mA DC

2. Measured at 100 kHz, 0.1 Vac

3. Measurements made with 100Ω source and 100Ω load impedance at 100 kHz, 15 Vpp

SCHEMATIC

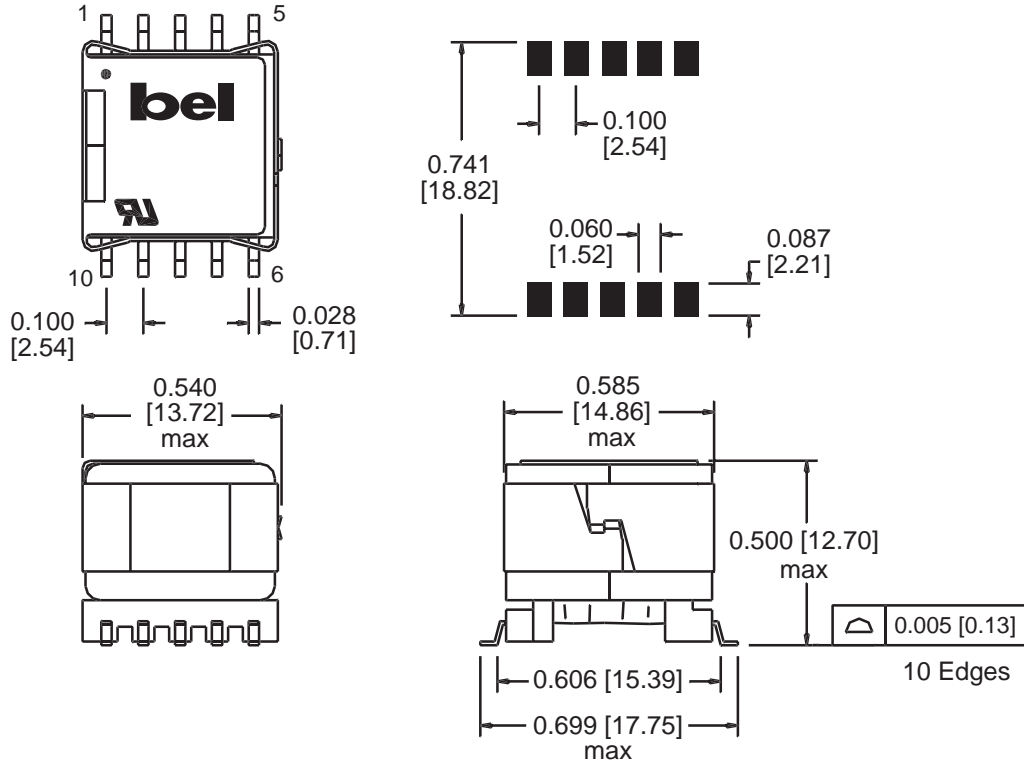
S560-6600-71



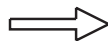
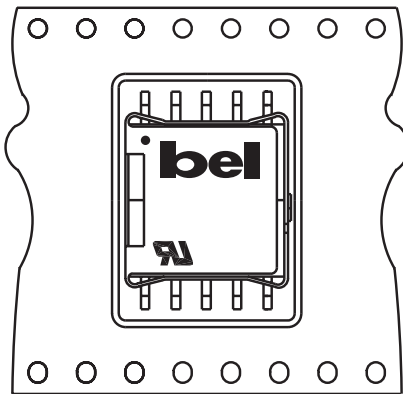
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MECHANICAL

S560-6600-71



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 24 mm pitch; 13 inch OD, 4 inch ID
200 components per reel, maximum
Meets ANSI/EIA 481-2 Carrier Tape Standards

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CORPORATE

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