

ADSL Magnetics

Texas Instruments

TM01386

- 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
- Minimum interwinding breakdown voltage of 2000 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

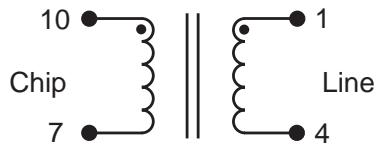
ELECTRICAL SPECIFICATIONS AT 25° C

Part Number	Turns Ratio ±2%	Inductance ¹ mH ±5%	Leakage Inductance µH max	DCR Ω max		Longitudinal Balance ² dB min	Insertion Loss ² dB max	Frequency Response ² dB max	Harmonic Distortion ² dB max
	Chip : Line	Line Side	Line Side	Chip Side	Line Side	1 MHz	300kHz	100kHz - 1.1 MHz	15 Vpp 100 kHz
S560-6600-AB	1 : 1.95	1.5	15	0.55	2.0	55	0.5	±0.5	-80

1. Inductance measured at 10 kHz, 0.1 Vac
2. Measurements made with 100Ω line impedance

SCHEMATIC

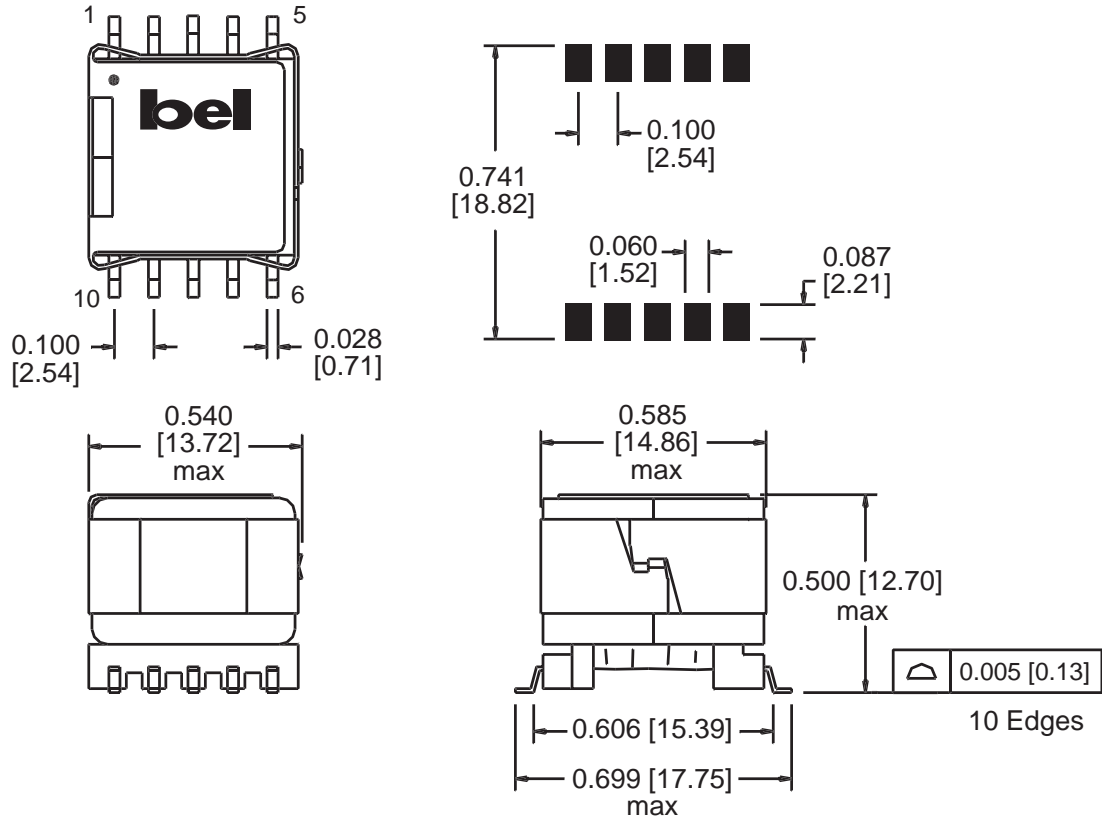
S560-6600-AB



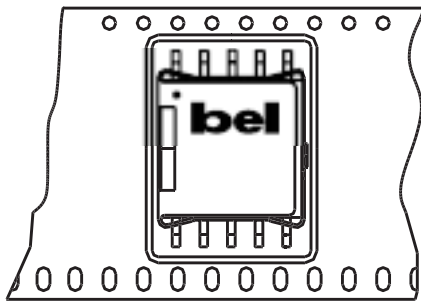
TM01386

MECHANICAL

S560-6600-AB



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



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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