

- 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 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

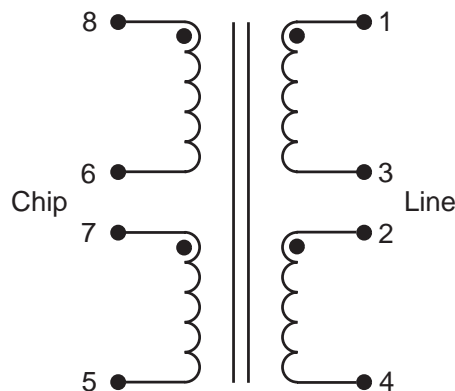
Part Number	Turns Ratio ±2%	Inductance ¹ μH ±5%	Leakage Inductance ² μH max	Direct Capacitance ³ pF max	DCR Ω max		Longitudinal Balance ² dB min	Insertion Loss ² dB max	Frequency Response ² dB max	Total Harmonic Distortion ⁴ dB max
	Chip : Line	Line Side	Line Side	1 & 8	Chip Side	Line Side	1.1 MHz	100 kHz	40 kHz - 300 kHz	20 Vpp 100 kHz
S560-6600-CA	1 : 1	280	8	50	1.8	1.8	55	0.5	±0.3	-70

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

1. Inductance measured at 10 kHz, 0.1 Vac
2. Measured at 100 kHz, 0.1 Vac
3. Interwinding capacitance measured at 10 kHz, 0.1 Vac
4. Measured with line impedance of 100 Ω and chip impedance of 100 Ω

SCHEMATIC

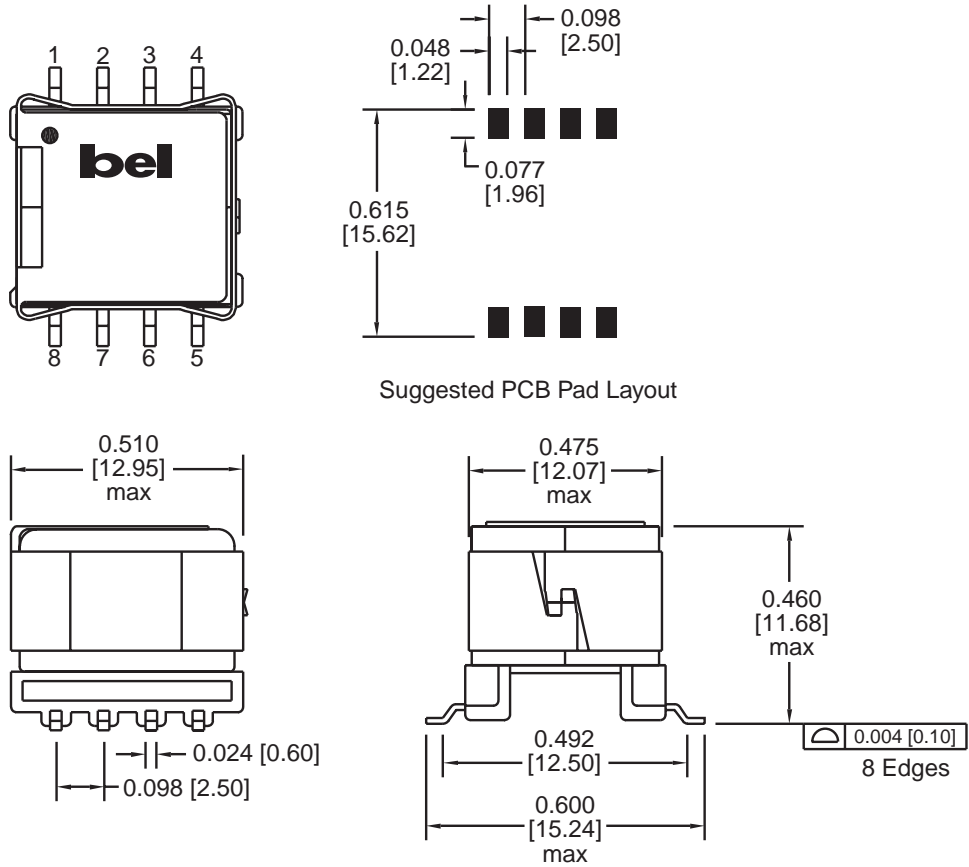
S560-6600-CA



TM01388

MECHANICAL

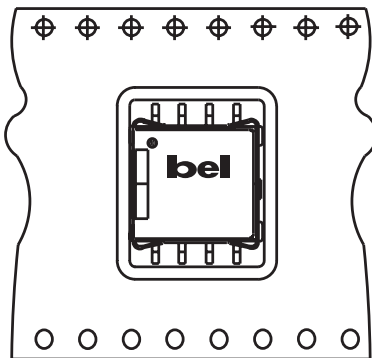
S560-6600-CA



Suggested PCB Pad Layout

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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