

ADSL Magnetics

Analog Devices

TM01362

- Designed to comply with the requirements of UL1950 and EN60950 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 ±7%	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	Chip Side	Chip Side	Line Side	10 kHz - 1 MHz	300 kHz	100 kHz - 1.5 MHz	4 Vac 100 kHz
0560-6600-DK	1 : 1.1	100	4	0.80	0.90	50	0.5	±0.5	-80

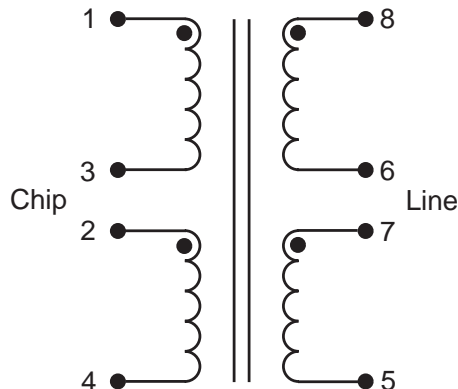
All measurements are made with pins 2 and 3 connected and pins 6 and 7 connected

1. Inductance measured at 100 kHz, 0.1 Vac

2. Measurements made with 100Ω source impedance

SCHEMATIC

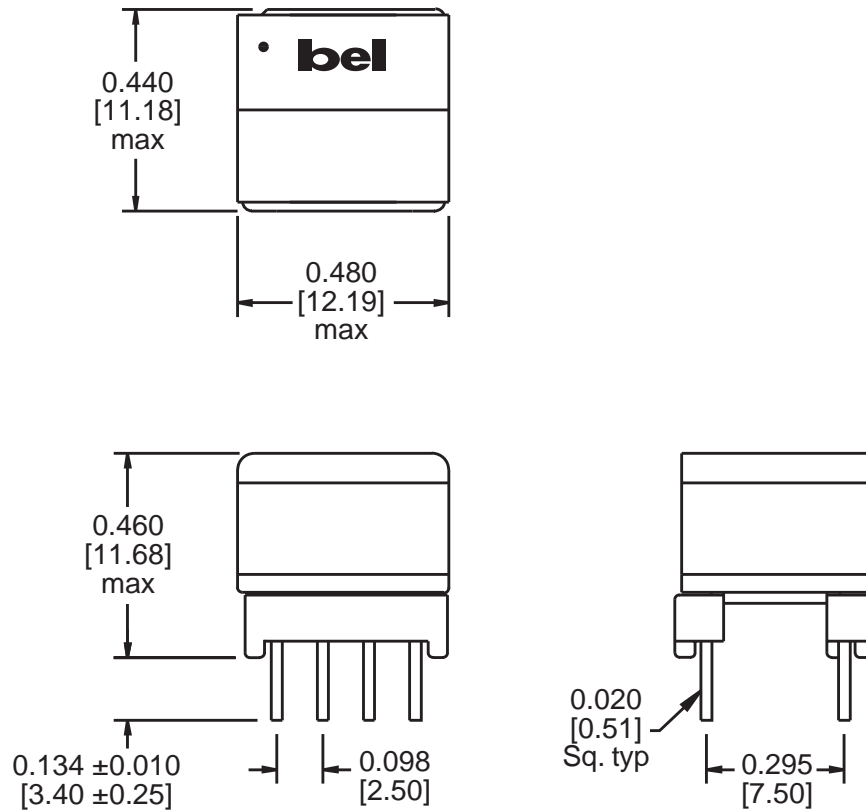
0560-6600-DK



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MECHANICAL

0560-6600-DK



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

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