

ADSL Magnetics

Texas Instruments

TM01384

- 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

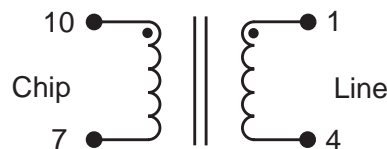
ELECTRICAL SPECIFICATIONS AT 25° C

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 dB max	Harmonic Distortion ² dB max
	Chip : Line	Line Side	Line Side	Chip Side	Line Side	1 MHz	300 kHz	100 kHz - 1.1 MHz	15 Vpp 100 kHz
0560-6600-AA	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

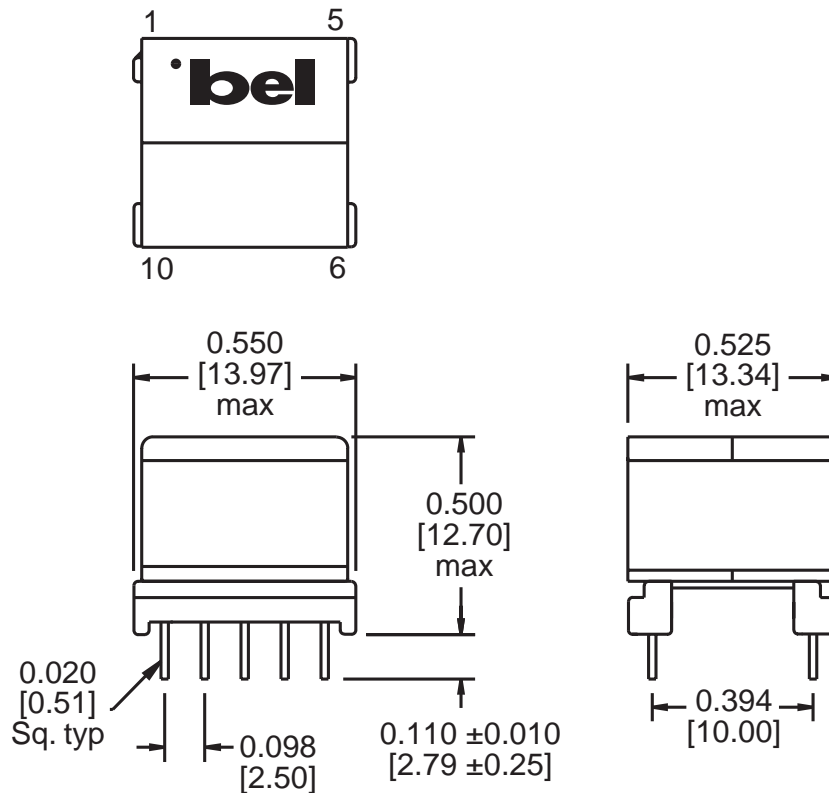
0560-6600-AA



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MECHANICAL

0560-6600-AA



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

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CORPORATE

Bel Fuse Inc.
206 Van Vorst Street
Jersey City, NJ 07302
Tel 201-432-0463
Fax 201-432-9542
www.belfuse.com

FAR EAST

Bel Fuse Ltd.
8F / 8 Luk Hop Street
San Po Kong
Kowloon, Hong Kong
Tel 852-2328-5515
Fax 852-2352-3706
www.belfuse.com

EUROPE

Bel Fuse Europe Ltd.
Preston Technology Management Centre
Marsh Lane, Suite G7, Preston
Lancashire, PR1 8UD, U.K.
Tel 44-1772-556601
Fax 44-1772-888366
www.belfuse.com