

## ADSL Magnetics



TM02389

- Minimum interwinding breakdown voltage of 1000 Vdc
- 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

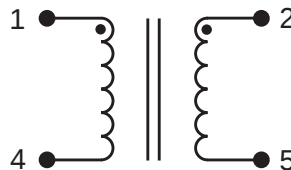
| Part Number  | Turns Ratio<br>±2% | Inductance <sup>1</sup><br>mH ±4% | Inductance<br>mH ±4% | DCR<br>Ω<br>max |       |
|--------------|--------------------|-----------------------------------|----------------------|-----------------|-------|
|              | (1-4) : (2-5)      | (1-5)                             | at 300 mA DC         | (1-4)           | (2-5) |
| 0560-6100-A2 | 1 : 1              | 10                                | 10                   | 6.5             | 6.5   |

All measurements are made with pins 2 and 4 connected

1. Inductance measured at 10 kHz, 0.1 Vac

### SCHEMATIC

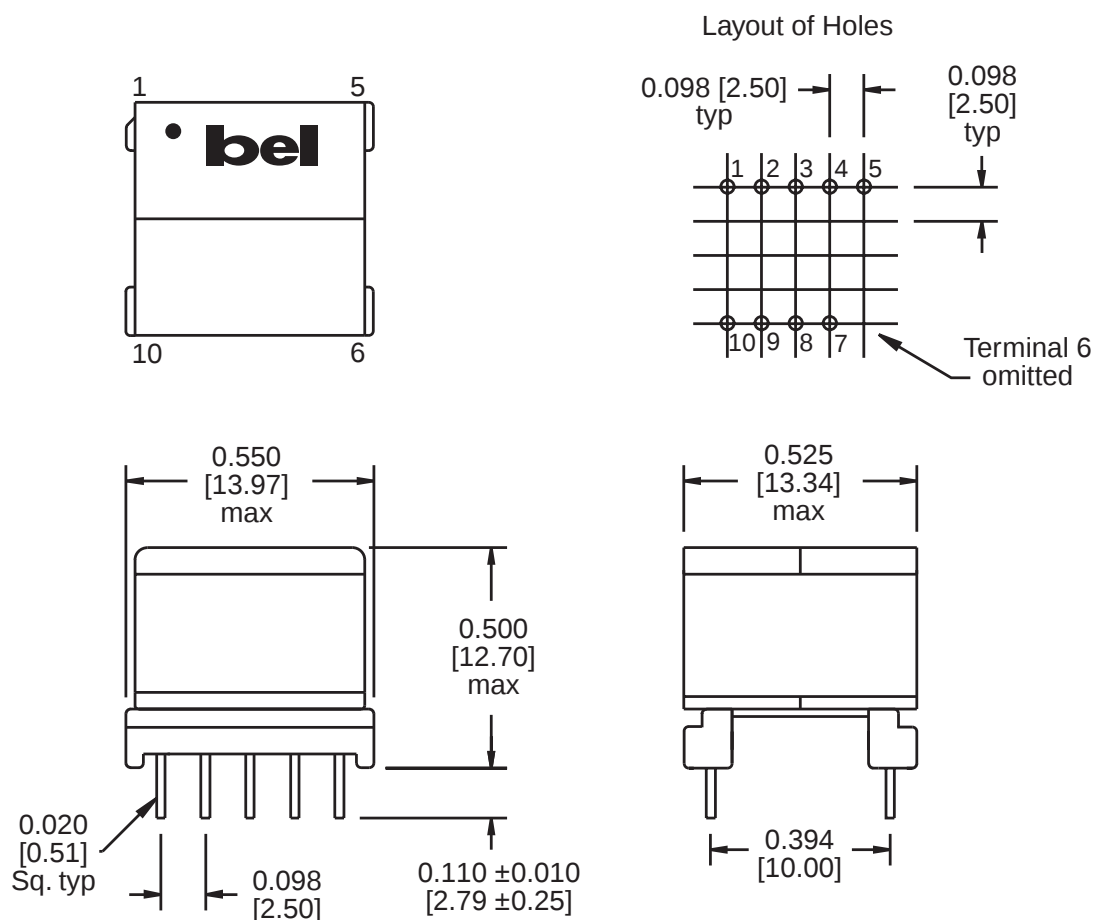
0560-6100-A2



TM02389

### MECHANICAL

0560-6100-A2



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

©2002 Bel Fuse Inc. Specifications subject to change without notice. 01.02

#### 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