

## Excellent Integrated System Limited

Stocking Distributor

Click to view price, real time Inventory, Delivery & Lifecycle Information:

[Bel Fuse Inc.](#)  
[S560-6100-A1-F](#)

For any questions, you can email us directly:  
[sales@integrated-circuit.com](mailto:sales@integrated-circuit.com)



**ADSL Magnetics**

TM02391

- 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

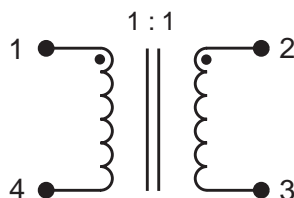
**ELECTRICAL SPECIFICATIONS AT 25° C**

Part Number	Turns Ratio ±2%	Inductance <sup>1</sup> mH ±7.5%	Inductance <sup>1</sup> mH min	Leakage Inductance <sup>2</sup> µH max	DCR Ω max	
	(1-4) : (2-3)	(1-4)	at 90 mA DC	(1-4)	(1-4)	(2-5)
S560-6100-A1	1 : 1	2.6	2.4	5	17.5	17.5

1. Inductance measured at 10 kHz, 0.1 Vac  
 2. Measured at 100 kHz, 0.1 Vac

**SCHEMATIC**

S560-6100-A1



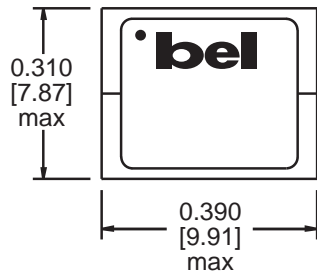


## ADSL Magnetics

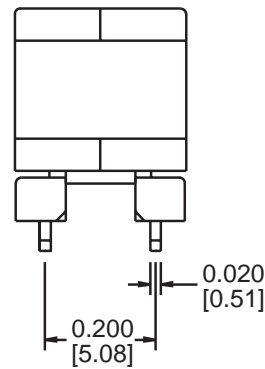
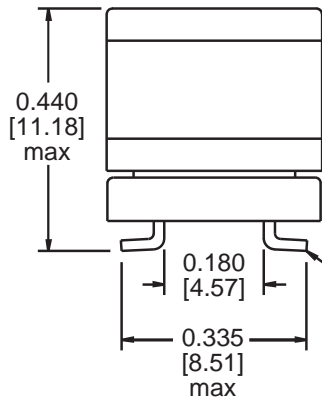
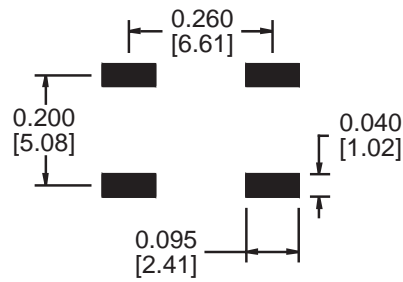
TM02391

### MECHANICAL

S560-6100-A1

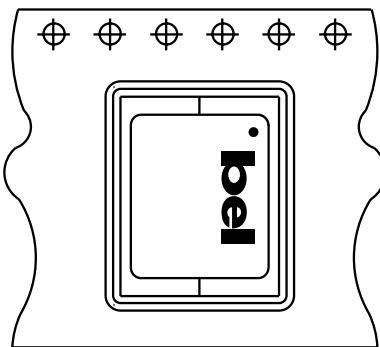


#### Suggested PCB Pad Layout



0.020 Sq. Pin  
Phosphor Bronze  
Solder Plated

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



→ User Feed Direction

Orientation of Component Inside Pocket

#### Tape and Reel Packaging

24 mm wide by 16 mm pitch; 13 inch OD, 4 inch ID  
 300 components per reel, maximum  
 Meets ANSI/EIA 481-2 Carrier Tape Standards

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