

- Designed for ADSL filter
- Minimum interwinding breakdown voltage of 1000 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

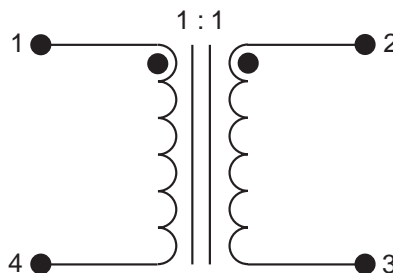
**ELECTRICAL SPECIFICATIONS at 25°C**

Part Number	Turns Ratio 2%	Inductance <sup>1</sup> mH 6%	Inductance <sup>1</sup> mH min. at 90mA DC	Leakage Inductance <sup>2</sup> µH max	DCR Ω max	
	(1-4) : (2-3)	(1-4)		(1-4)	(1-4)	(2-3)
S560-6100-85	1 : 01	2.6	2.4	5	10.5	10.5

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

**SCHEMATIC**

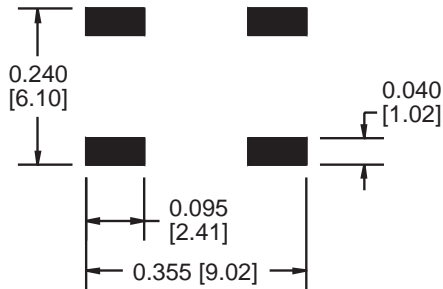
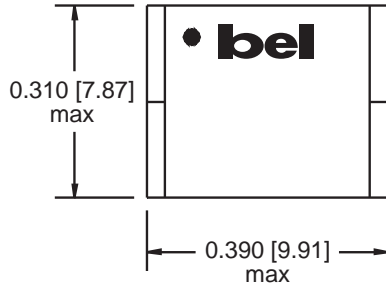
**S560-6100-85**



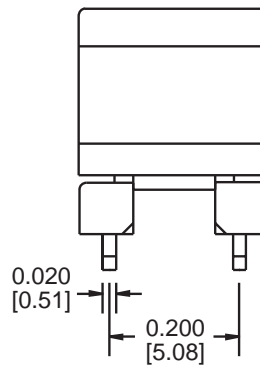
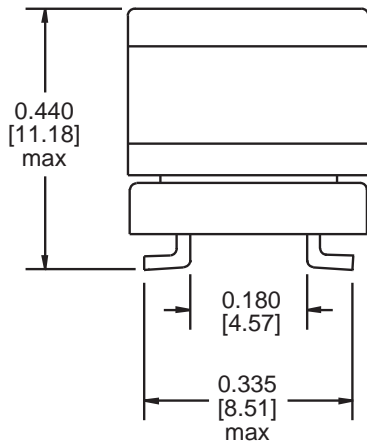
TM01335

### MECHANICAL

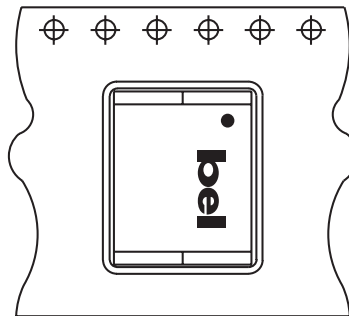
#### S560-6100-85



Suggested PCB Pad Layout



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 - JEDEC SO Package

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