

- 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
- UL File Number E150991
- 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**

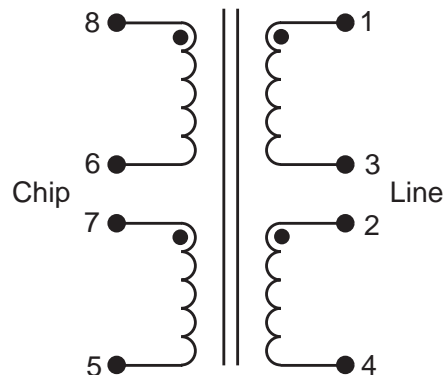
| Part Number  | Turns Ratio<br>±2% | Inductance <sup>1</sup><br>µH ±10% | Leakage Inductance <sup>3</sup><br>µH max | DCR<br>Ω<br>max |           | Harmonic Distortion <sup>2</sup><br>dB max   |
|--------------|--------------------|------------------------------------|---|-----------------|-----------|--|
|              | Chip : Line        | Line Side                          | Line Side                                 | Chip Side       | Line Side | 30 kHz +10 dBm on<br>100 Ω load on Line Side |
| S560-6611-19 | 1 : 1              | 500                                | 4   | 4.4             | 4.4       | 75   |

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

- Inductance measured at 10 kHz, 0.1 Vac load on line side
- Measurements made with 100Ω source and 100Ω load impedance
- Leakage inductance measured at 100 kHz, 0.1 Vac

**SCHEMATIC**

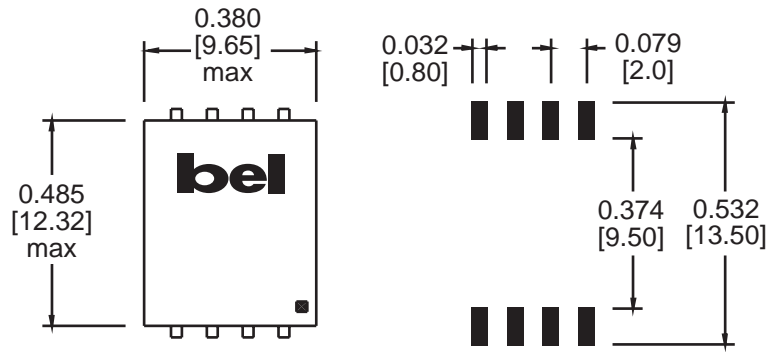
**S560-6611-19**



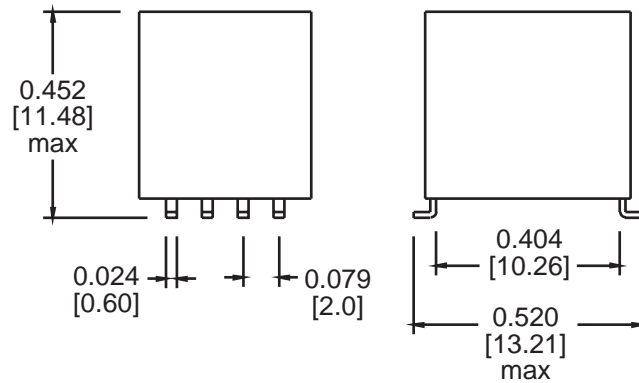
TM01358

### MECHANICAL

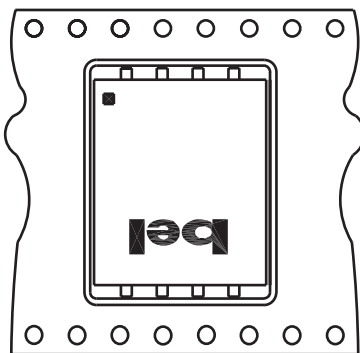
S560-6611-19



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

32 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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