

# RADSL MAGNETICS

## Transformer

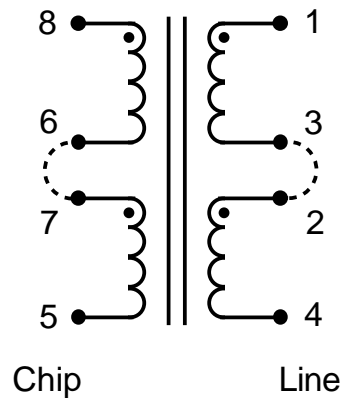
TM99AD

- Designed to be compatible with Globespan's RADSL chip set
- Meets the specification for both UL and CSA
- Operating temperature range of 0° C to 85° C
- Minimum interwinding breakdown voltage of 1500 Vrms

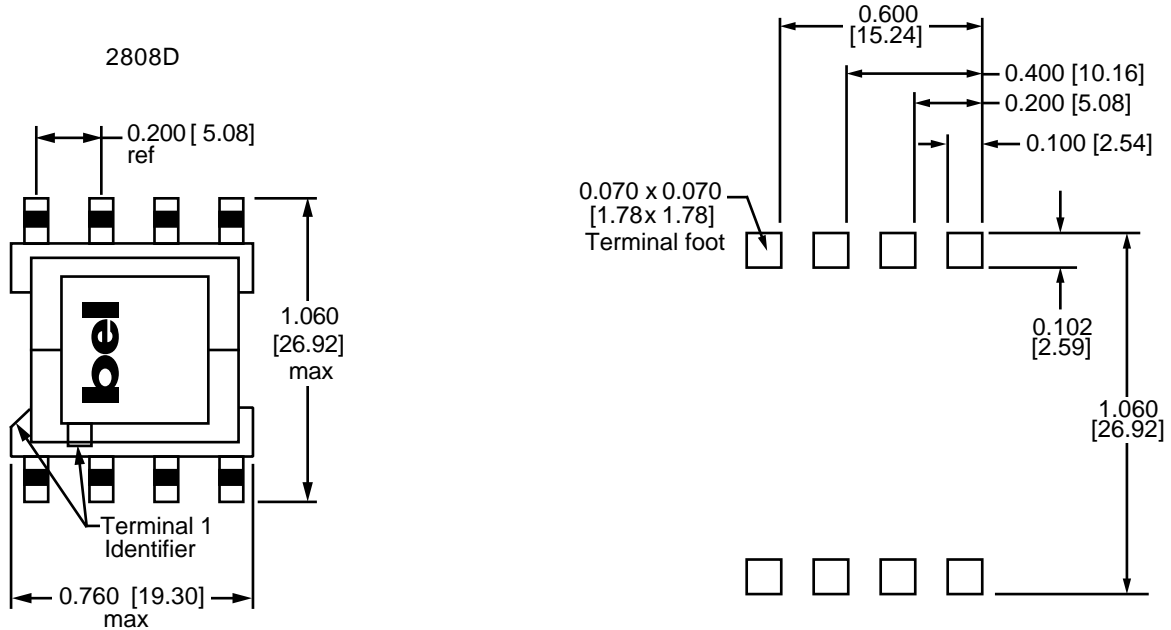
### ELECTRICALS at 25° C

| Part Number | Turns Ratio<br>± 3% | Inductance<br>μH min | Leakage<br>Inductance<br>μH max | DCR<br>Ω<br>max |      | Interwinding<br>Capacitance<br>pF max |
|-------------|---------------------|----------------------|---------------------------------|-----------------|------|---------------------------------------|
|             | Chip : Line         |                      |                                 | Chip            | Line |                                       |
| 2808D       | 1.0 : 1.40          | 450                  | 10.0                            | 2.00            | 3.00 | 25                                    |

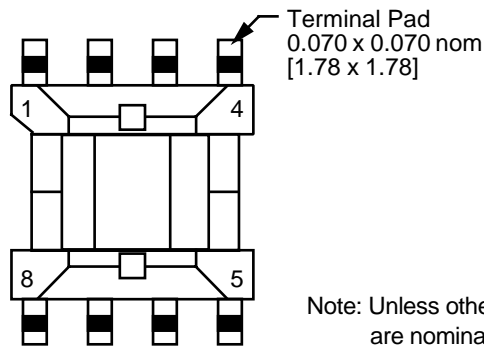
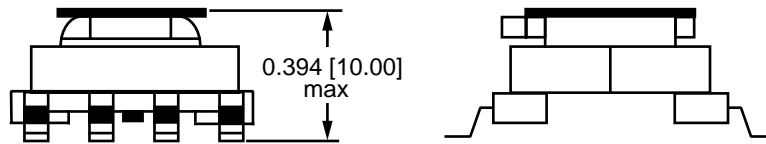
### SCHEMATIC



### MECHANICAL



Suggested PCB Pad Layout



Note: Unless otherwise specified, dimensions are nominal and in inches [millimeters].

Tape and reel specifications: 250 parts/reel

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