

## Features

- Operating temperature -40 °C to +85 °C
- Designed to meet UL1950 and EN60950 supplementary insulation requirements for operating voltages up to 250 Vrms
- RoHS compliant\*

## Applications

- To be used with the Globespan SHDSL chipset

# SM76299L - SHDSL Line Transformer

### Electrical Specifications @ 25 °C

#### Turns Ratio

(1-5 Tie 4+2):(9-7)..... 4CS:1 ±1 %

Polarity ..... 1, 2, 9 same phase

HIPOT (1-4, 2-5 to 9-7)..... 1875 VAC

#### DCR

(1-4)..... 1.45 W ±10 %

(2-5)..... 1.45 W ±10 %

(9-7)..... 0.45 W ±10 %

#### OCL (1-5 Tie 4+2)

..... 2.07 mH ±4 % @ 10 kHz 100 mV

..... 2.07 mH ±4 % @ 10 kHz 100 mV,  
100 mADC

#### LL (1-5 Tie 4+2) short (9-7)

..... 15 µH max. @ 100 kHz 100 mV

#### Cs (1-9 Tie 4+2)

..... 65 pF max. @ 100 kHz 100 mV

### Packaging Specifications

Tape & Reel\* ..... 200 pcs./reel

\*\*"E" suffix before "L" in part number designates tape & reel packaging, e.g. SM76299EL.

### How To Order

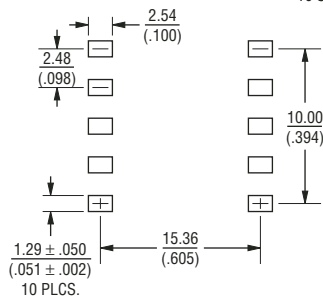
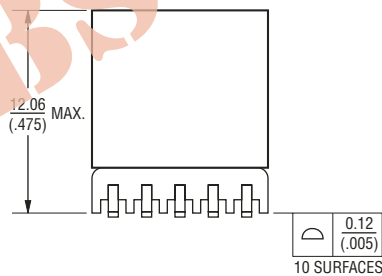
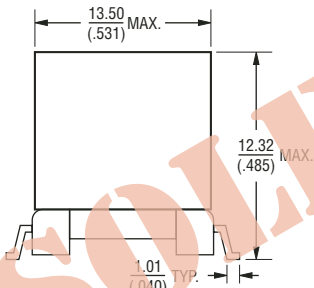
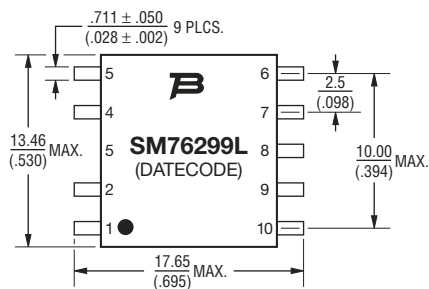
**SM76299E L**

Model \_\_\_\_\_

Termination \_\_\_\_\_

L = Tin only (lead free)

### Product Dimensions



Recommended PAD layout

DIMENSIONS:  $\frac{\text{MM}}{\text{(INCHES)}}$

TOLERANCE  $\pm \frac{0.25}{(0.010)}$

### Electrical Schematic

