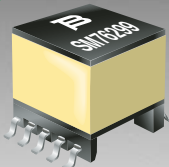


ROHS COMPLIANT
VERSIONS
AVAILABLE



BOURNS®

Features

- Operating temperature -40 °C to +85 °C
- Designed to meet UL1950 and EN60950 supplementary insulation requirements for operating voltages up to 250 Vrms
- Lead free version available (see How to Order)
- Lead free versions are RoHS compliant*

Applications

- To be used with the Globespan SHDSL chipset

SM76299 - SHDSL Line Transformer

Electrical Specifications @ 25 °C

Turns Ratio

(1-5 Tie 4+2):(9-7).....4CS:1 ± 1 %

Polarity1, 2, 9 same phase

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

DCR

(1-4).....1.45 Ω ± 10 %

(2-5).....1.45 Ω ± 10 %

(9-7).....0.45 Ω ± 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

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

.....15 μH max. @ 100 kHz 100 mV

C_s (1-9 Tie 4+2)

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

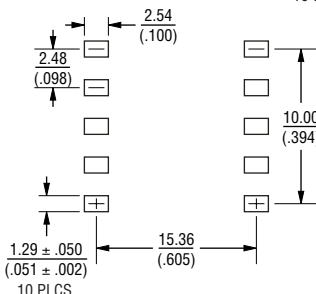
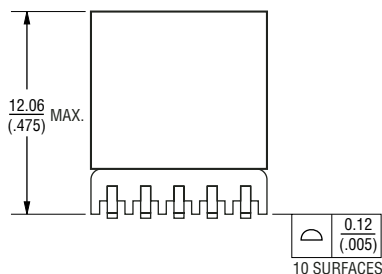
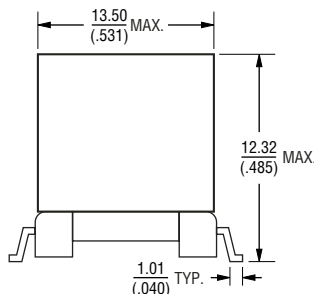
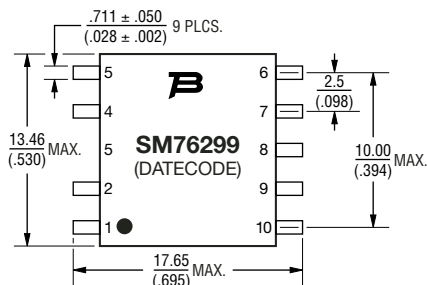
Packaging Specifications

Tape & Reel*200 pcs./reel

*"E" suffix at end of part number

designates tape & reel packaging, e.g.
SM76299E.

Product Dimensions

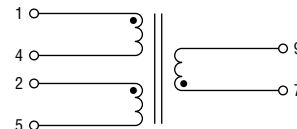


Recommended PAD layout

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

TOLERANCE: $\pm \frac{0.25}{(.010)}$

Electrical Schematic



How to Order

SM76299E

Model _____
 Termination _____
 Blank = Tin-lead
 L = Tin only (lead free)