


Features

- Compact surface mount packaging
- Operating temperature -40 °C to +85 °C
- PE68825 equivalent
- RoHS compliant*

 This series is Sd M/R_U not recommended for new designs.

Applications

- Telecom

SM75225L - T1/CEPT/ISDN-PRI Dual Transformers

Electrical Specifications @ 25 °C

Turns Ratio $\pm 2\%$ (1-2-3):(12-10).....	1.15 CT:1
Turns Ratio $\pm 5\%$ (4-5-6):(9-8-7).....	1 CT:2 CT
Polarity .. 1,2 & 12; 4,5,9 & 8 same phase	
OCL (12-10) @ 10 kHz, 0.01 V1.6 mH min.
OCL (4-6) @ 10 kHz, 0.1 V1.6 mH min.
OCL (12-10) @ 10 kHz, 0.01 V, -40 °C0.6 mH min.
OCL (4-6) @ 10 kHz, 0.01 V, -40 °C0.6 mH min.
Le (12-10) @ 100 kHz, 0.1 V, Short (1-2-3).....	0.8 μ H max.
Le (4-6) @ 100 kHz, 0.1 V, Short (9-8-7).....	0.8 μ H max.
Cww (1-12) @ 100 kHz, 0.1 V60 pF max.
Cww (4-9) @ 100 kHz, 0.1 V50 pF max.
DCR (1-3) (Ω max.).....	1.00
DCR (12-10) (Ω max.).....	1.00
DCR (4-6) (Ω max.).....	1.00
DCR (9-7) (Ω max.).....	2.00
HIPOT (VAC).....	1500

*CT : center tap

Packaging Specifications

Tape & Reel*..... 330 pcs./reel

*"E" suffix before "L" in part number designates tape & reel packaging, e.g. SM75225EL.

How To Order

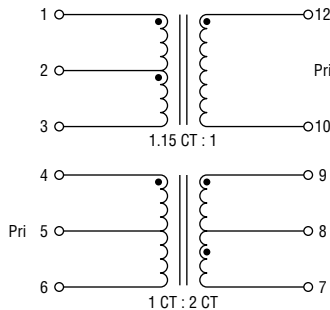
SM75225E L

Model _____

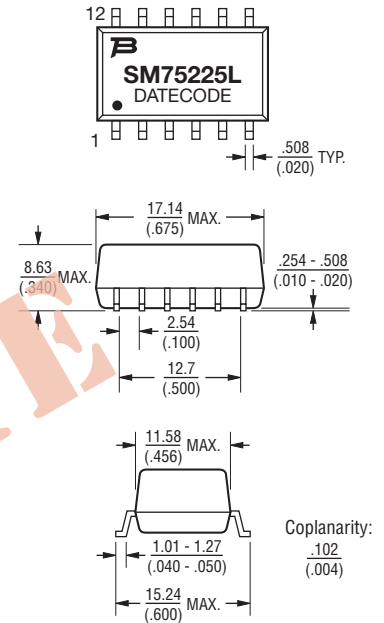
Termination _____

L = Tin only (RoHS Compliant)

Electrical Schematic



Product Dimensions



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

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

NOTE: DIMENSIONS ARE EXCLUSIVE OF SOLDER

REV. 05/13

*RoHS Directive 2002/95/EC Jan. 27, 2003 including annex and RoHS Recast 2011/65/EU June 8, 2011.

Specifications are subject to change without notice.

The device characteristics and parameters in this data sheet can and do vary in different applications and actual device performance may vary over time.

Users should verify actual device performance in their specific applications.