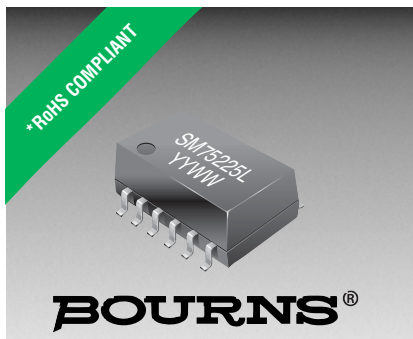




Features

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



This series is **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 V	1.6 mH min.
OCL (4-6) @ 10 kHz, 0.1 V	1.6 mH min.
OCL (12-10) @ 10 kHz, 0.01 V, -40 °C	0.6 mH min.
OCL (4-6) @ 10 kHz, 0.01 V, -40 °C	0.6 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 V	60 pF max.
Cww (4-9) @ 100 kHz, 0.1 V	50 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

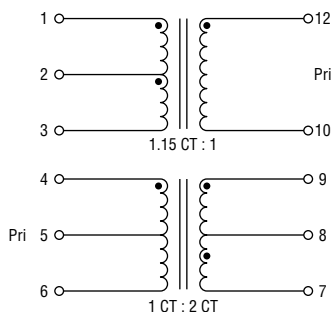
Tape & Reel*..... 330 pcs./reel

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

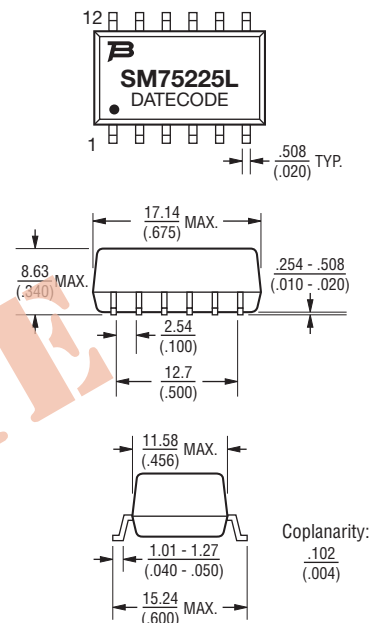
How To Order

Model **SM75225E L**
Termination _____
L = Tin only (RoHS Compliant)

Electrical Schematic



Product Dimensions



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

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

NOTE: DIMENSIONS ARE EXCLUSIVE OF SOLDER

Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

Bourns:

[SM75225E](#)