

Features

- Surface mount
- Dual transformer for transmit and receive
- 1500 VAC HIPOT
- RoHS compliant*

Applications

- Telecom



Model SM74139EL is obsolete and not recommended for new designs.

SM74139L - T1/CEPT/ISDN-PRI Dual Transformer

Electrical Specifications @ 25 °C

Primary Pins

Core A 1-3
 Core B 6-8

Ratio (±2 %)

Core A & B 1CT : 1.15CT

OCL (mH) min.

Core A & B 1.2

Leakage Inductance (μH) max.

Core A & B 0.60

Cww (pF) max.

Core A & B 30

DCR of primary (Ω) max.

Core A & B 0.70

DCR of secondary (Ω) max.

Core A & B 0.75

Operating Temperature (°C) 0 to +70

*CT : center tap

Packaging Specifications

Tape & Reel* 700 pcs./reel

**"E" suffix before "L" in part number designates tape & reel packaging, e.g. SM74139EL.

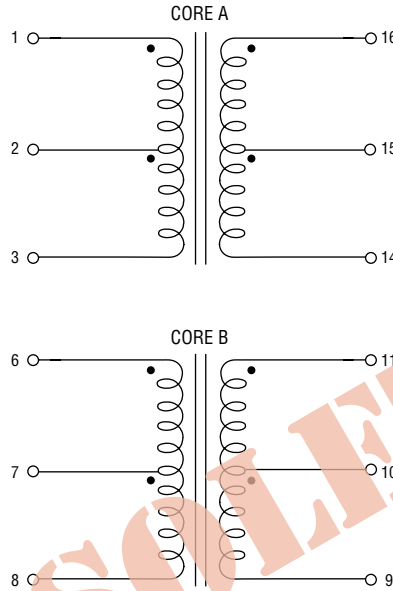
How To Order

SM74139E L

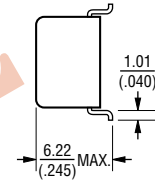
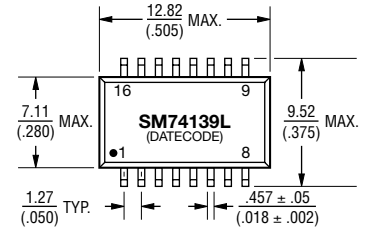
Model _____
 Termination _____

L = Tin only (RoHS Compliant)

Electrical Schematic



Product Dimensions



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

TOLERANCE: ± $\frac{0.254}{(.010)}$

REV. 01/16

*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.