

### Features

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

### Applications

- Telecom



Model SM74139EL is currently available but 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
C <sub>ww</sub> (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

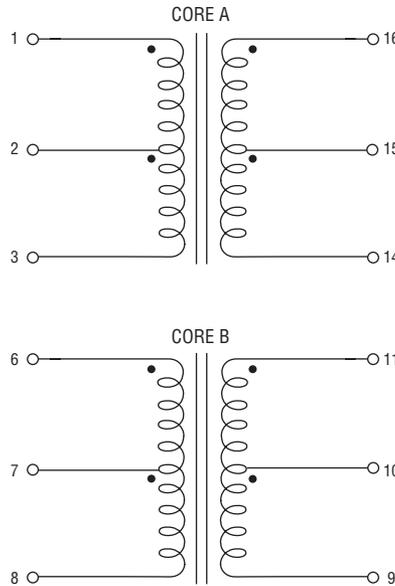
\*\*"E" suffix before "L" in part number designates tape & reel packaging, e.g. SM74139EL.

### How To Order

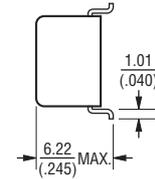
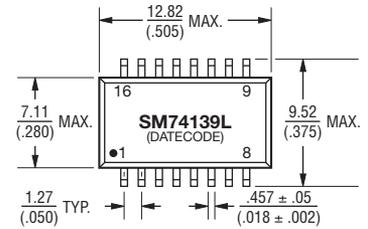
**SM74139E L**

Model \_\_\_\_\_  
 Termination \_\_\_\_\_  
 L = Tin only (RoHS Compliant)

### Electrical Schematic



### Product Dimensions



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

TOLERANCE: ±  $\frac{0.254}{(0.010)}$