

Features

- Surface mount
- Dual transformer for transmit and receive
- 1500 VAC HIPOT
- Lead free version available (see How to Order)
- Lead free versions are RoHS compliant*

Applications

- Telecom

SM74139 - T1/CEPT/ISDN-PRI Dual Transformer

Electrical Specifications @ 25 °C

Primary Pins

Core A1-3
Core B6-8
Ratio (±2 %)	
Core A & B1CT : 1.15CT
OCL (mH) min.	
Core A & B1.2
Leakage Inductance (µH) max.	
Core A & B0.60
C _{ww} (pF) max.	
Core A & B30
DCR of primary (Ω) max.	
Core A & B0.70
DCR of secondary (Ω) max.	
Core A & B0.75
Operating Temperature (°C)0 to +70

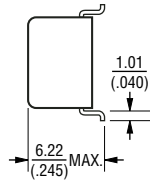
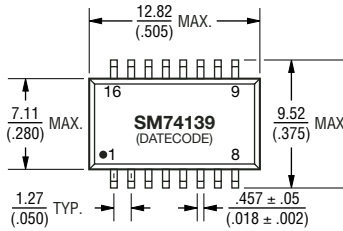
*CT : center tap

Packaging Specifications

Tape & Reel*700 pcs./reel

**“E” suffix at end of part number designates tape & reel packaging, e.g. SM74139E.

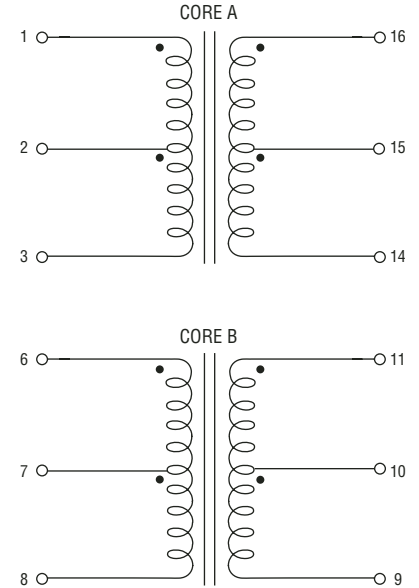
Product Dimensions



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

TOLERANCE: ± $\frac{0.254}{(.010)}$

Electrical Schematic



How to Order

SM74139E

Model _____

Termination _____

Blank = Tin-lead
L = Tin only (lead free)