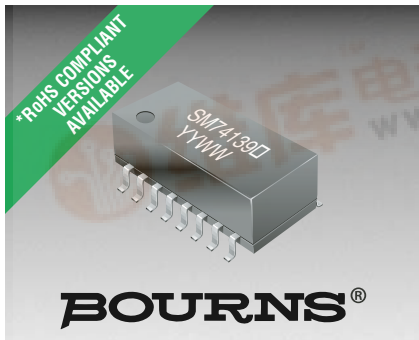




Features

- 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 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 _{ww} (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

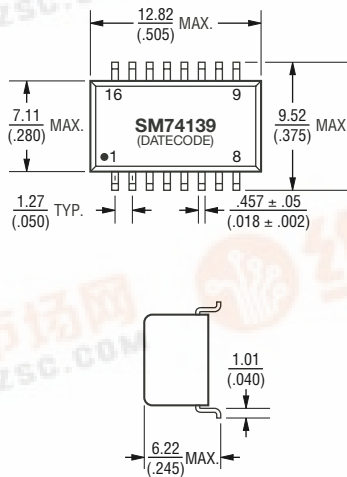
*CT : center tap

Packaging Specifications

Tape & Reel*700 pcs./reel

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

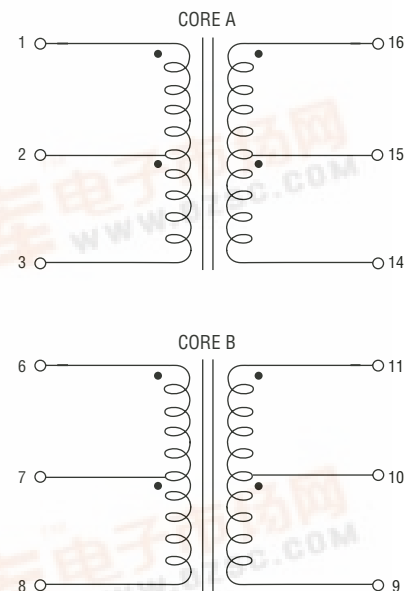
Product Dimensions



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

TOLERANCE: $\pm \frac{0.254}{(.010)}$

Electrical Schematic



How to Order

SM74139E

Model _____
 Termination _____
 Blank = Tin-lead
 L = Tin only (lead free)