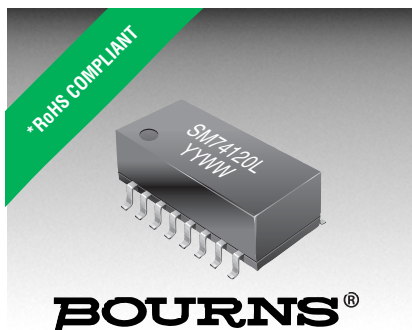




Features

- Dual SMD package with transmit and receive transformer
- Low height of only 6.2 mm
- RoHS compliant*

Applications

- Telecom

SM74120L - T1/CEPT/ISDN-PRI Transformer

Electrical Specifications @ 25 °C

Primary Pins

Core A.....	16-14
Core B.....	6-8
Ratio ($\pm 2\%$)	
Core A.....	1:1 & 1:1.26
Core B.....	1CT:2CT
OCL (mH) min.	
Core A & B	1.2
Leakage Inductance (μ H) 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.....	0.80
Core B.....	1.00
HIPOT (VAC)	1500
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. SM74120EL.

How To Order

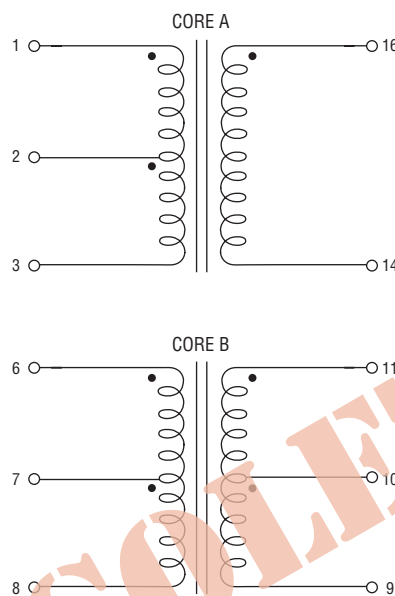
SM74120E L

Model _____

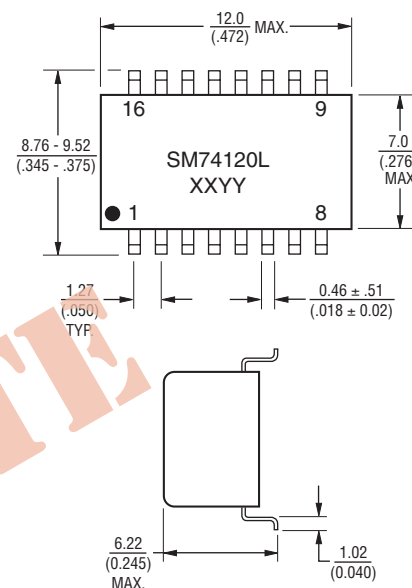
Termination _____

L = Tin only (RoHS Compliant)

Electrical Schematic



Product Dimensions



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

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