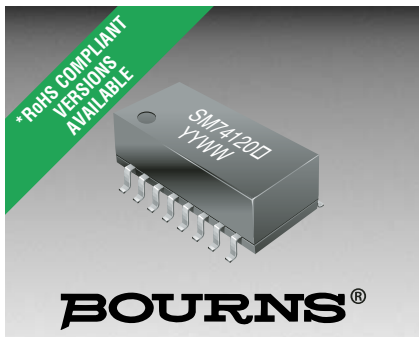




Features

- Dual SMD package with transmit and receive transformer
- Low height of only 6.2 mm
- Lead free version available (see How to Order)
- Lead free versions are RoHS compliant*

Applications

- Telecom

SM74120 - T1/CEPT/ISDN-PRI Transformer

Electrical Specifications @ 25 °C

Primary Pins

Core A	16-14
Core B	6-8
Ratio (±2 %)	
Core A	1:1 & 1:1.26
Core B	1CT:2CT
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	0.80
Core B	1.00
HIPOT (VAC)	1500
Operating Temperature (°C)	0 to +70

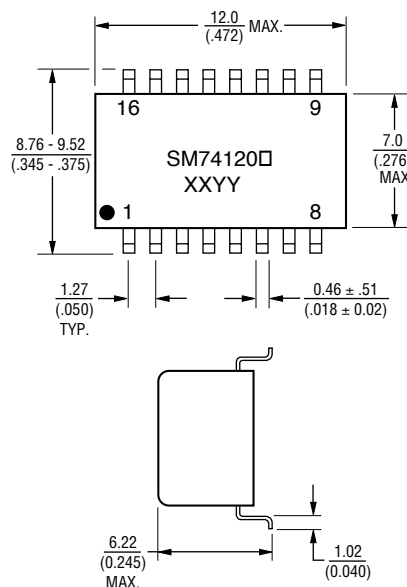
*CT : center tap

Packaging Specifications

Tape & Reel*700 pcs./reel

*"E" suffix at end of part number designates tape & reel packaging, e.g. SM74120E.

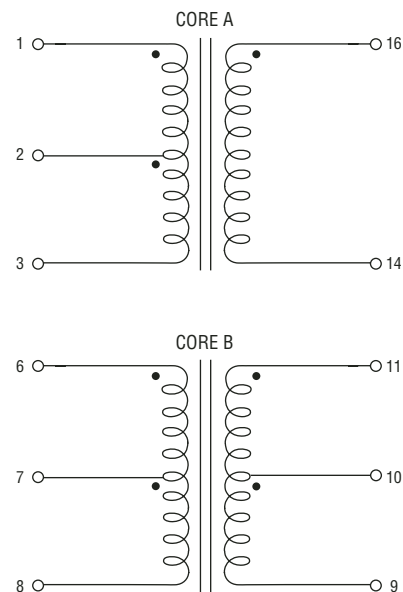
Product Dimensions



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

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

Electrical Schematic



How to Order

Model **SM74120E**

Termination _____

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