

## Features

- Compact surface mount packaging
- Contains both transmit and receive transformer in a single package
- Isolation voltage: 1500 Vrms
- Lead free version available (see How to Order)
- Lead free versions are RoHS compliant\*

## Applications

- Telecom

# PT74344 - T1/CEPT/ISDN-PRI Transformer

### Electrical Specifications @ 25 °C

Turns Ratio ±5 %	.....1:1.15CT & 1CT:2CT
Primary Inductance (mH min.)	.....1.20 & 1.20
Primary Leakage Inductance (µH max.)	.....0.60 & 0.60
C <sub>ww</sub> (pF max.)	.....30 & 30
Pri DCR (Ω max.)	.....0.70 & 0.70
Sec DCR (Ω max.)	.....0.70 & 1.00
Primary Pins	.....16-14, 6-8
Operating Temperature (°C)	.....0 to +70

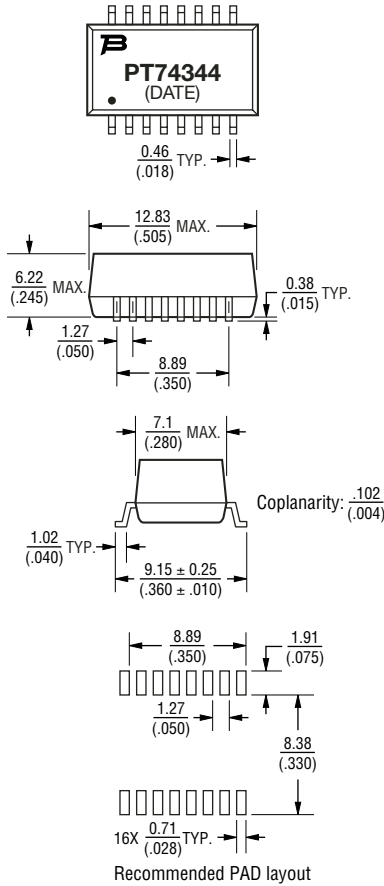
\*CT : center tap

### Packaging Specifications

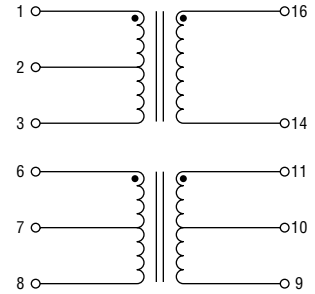
Tape and Reel\* .....700 pcs./reel

\*\*“E” suffix in part number designates tape & reel packaging, e.g. PT74344E.

### Product Dimensions



### Electrical Schematic



### How to Order

Model PT74344E

Termination \_\_\_\_\_

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

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

TOLERANCE: ±  $\frac{0.25}{(.010)}$

NOTE: DIMENSIONS ARE EXCLUSIVE OF SOLDER