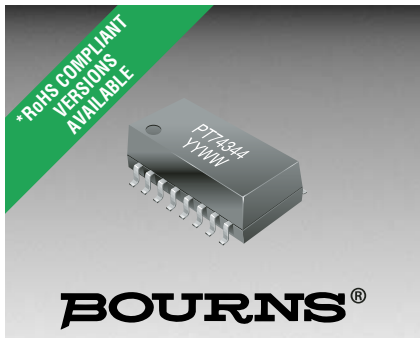




## Features

- 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  $\pm 5\%$

.....1:1.15CT & 1CT:2CT  
Primary Inductance (mH min.)

.....1.20 & 1.20

Primary Leakage Inductance ( $\mu$ H max.)

.....0.60 & 0.60

C<sub>ww</sub> (pF max.) .....30 & 30

Pri DCR ( $\Omega$  max.) .....0.70 & 0.70

Sec DCR ( $\Omega$  max.) .....0.70 & 1.00

Primary Pins .....16-14, 6-8

Operating Temperature (°C) .....0 to +70

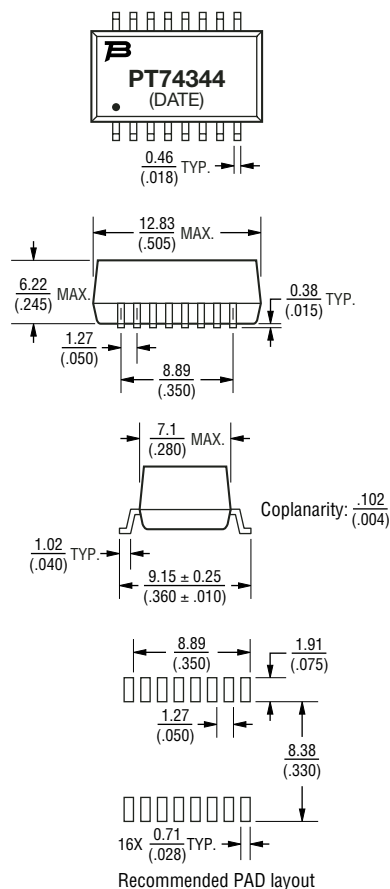
\*CT : center tap

## Packaging Specifications

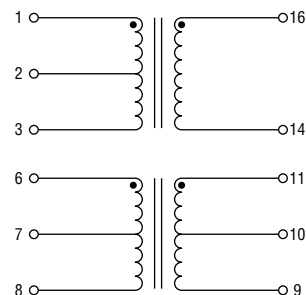
Tape and Reel\* .....700 pcs./reel

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

## Product Dimensions



## Electrical Schematic



## How to Order

**PT74344E**

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

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

TOLERANCE:  $\pm \frac{0.25}{(0.010)}$

NOTE: DIMENSIONS ARE EXCLUSIVE OF SOLDER