

## Features

- Low profile 16 pin SMD package
- Meets the CCITT 1.430 waveform template when chip pairs and recommended transformer are used
- 2 KVrms HIPOT
- Weight: 7.2 g
- Longitudinal balance from 10 KHz to 300 KHz: 60 dB min.
- Lead free version available (see How to Order)
- Lead free versions are RoHS compliant\*

# PT73031 - SMD - ISDN S Interface Transformer

### Electrical Specifications @ 25 °C

Turns Ratio ±2 %

A .....1:2  
B .....1:2

OCL PRI (mH min.)

A & B .....22

LL SEC (µH max.)

A .....15  
B .....15

Cww (pF max)

A & B .....100

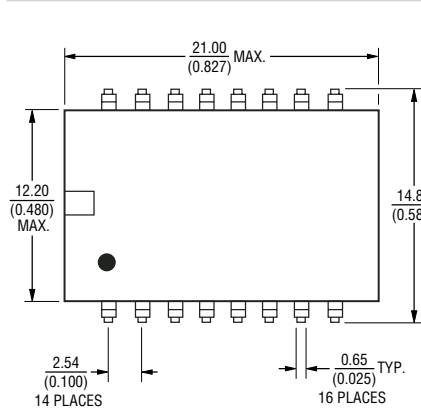
Pri DCR (Ω ±15 %)

A .....2.5  
B .....2.5

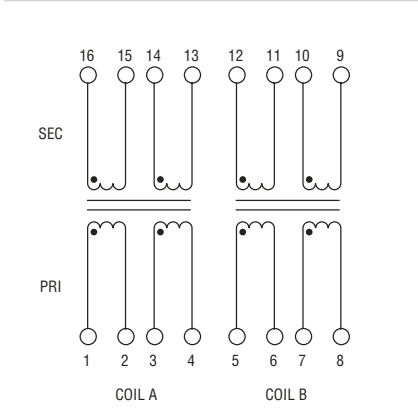
Sec DCR (Ω ±15 %)

A .....4.0  
B .....4.0

### Product Dimensions



### Electrical Schematic



### Environmental Characteristics

Operating Temperature (°C) .....0 to +85

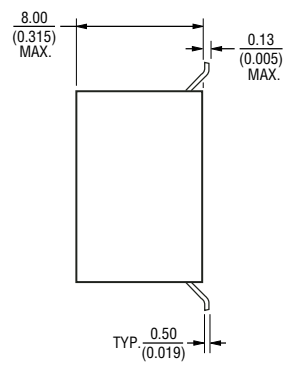
Storage Temperature (°C) .....-55 to +125

Flammability .....UL94V-0

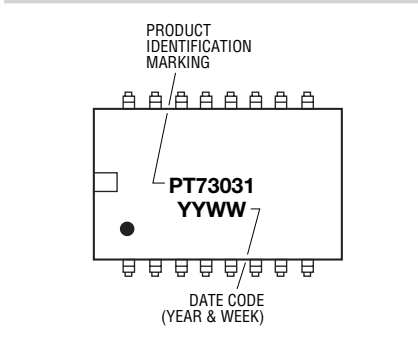
Solder Method ....IR Reflow 230 °C max.  
10 seconds

### Packaging Specifications

Tube .....24 pcs./tube



### Typical Part Marking



### How to Order

Model **PT73031**

Termination \_\_\_\_\_

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

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

TOLERANCE:  $\pm \frac{0.25}{(.010)}$

03/05

\*RoHS Directive 2002/95/EC Jan 27 2003 including Annex Specifications are subject to change without notice. Customers should verify actual device performance in their specific applications.