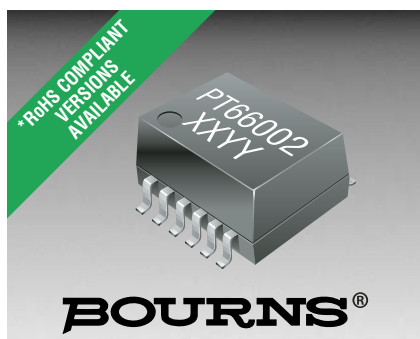




Features

- Dual SMD package with transmit and receive transformer
- Low height of only 8.6 mm
- Wide operating temperature: -40 °C to +85 °C
- Matched to leading transceiver ICs

- Lead free version available (see How to Order)
- Lead free versions are RoHS compliant*

Applications

- Telecom

PT66002 - T1 Transformer

Electrical Specifications @ 25 °C

Turns Ratio $\pm 2\%$

III : I + II1:1.15 CT*

III(CT*) : IV + V1 CT*:1 CT*

OCL (mH min.)350

Interwinding Capacitance C_{ww} (pF)

between I + II and III< 60

between IV + V and III (CT*)< 50

Leakage Inductance L_s (μH max.)0.8

HIPOT 50 Hz for 2 sec. (V_{rms})

III to I + II and III (CT*) to IV + V ..1500

DCR III, III(CT*) (Ω max.)1

DCR I + II (Ω max.)1.2

DCR IV + V (Ω max.)2

Operating Temperature (°C)-40 to +85

*CT: Center tap

Other OCL specifications available on request.

Packaging Specifications

Tube30 pcs./tube

How to Order

PT66002

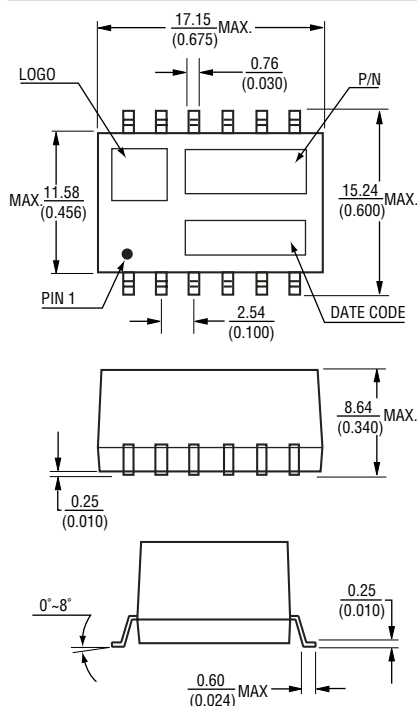
Model _____

Termination _____

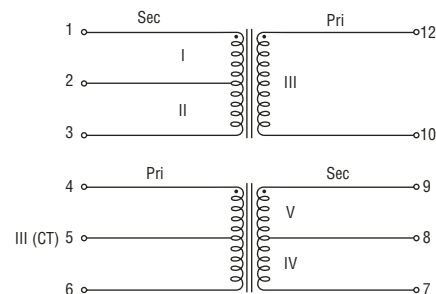
Blank = Tin-lead

L = Tin only (lead free)

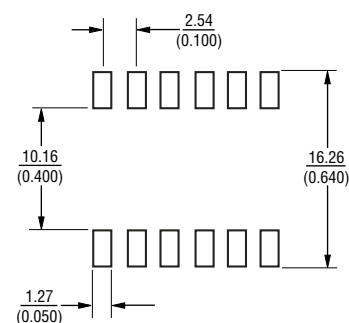
Product Dimensions



Electrical Schematic



Recommended Layout



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