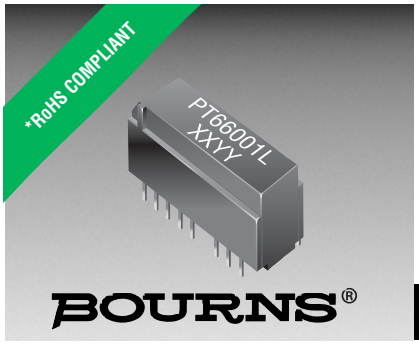


Features

- Through-hole unit
- Isolation voltage of 1500 Vrms
- Low interwinding capacity
- RoHS compliant*

This series is l_plibqb ^ka not recommended for new designs.

Applications

- Telecom

PT66001L & PT66012L - ISDN S-Interface Transformer

Electrical Specifications @ 25 °C

Turns Ratio ±1 % (III:I+II) . see schematic
Impedance at 20 kHz 100 mV
with IDC=3 mA (core 1,2)
ohm min 625
OCL at 10 kHz 100 mV(mH min)
Transformer (core1,2) 22
Choke IV,V,VI,VII +50/-30 % 5
Interwinding Capacity (10 kHz 100 mV)
CWW (pF max) (core 1,2)..... 120
Leakage Inductance (10 kHz 100 mV)
Ls (μH)
I+II(III shorted) core 1,2 ..... < 4
IV(V,VI,VII shorted) core 3 ..... < 0.6
HIPOT 50 Hz for 2 sec. (Vrms)
I+II to III (core 1,2) 1500
IV+V+III (core 1) to
VI+VII+III (core 2)..... 500
DCR III (ohms max.)
PT66001L 5.6
PT66012L 5.0
DCR I+II (ohms max.)
PT66001L 2.7
PT66012L 2.4
DCR IV,V,VI,VII (ohms max.) 1.1
Operating Temperature (°C)..... 0 to +70

Packaging Specifications

Tape & Reel ..... 15 pcs./tube

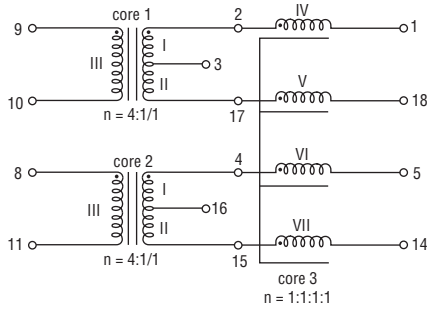
How To Order

PT660xx L

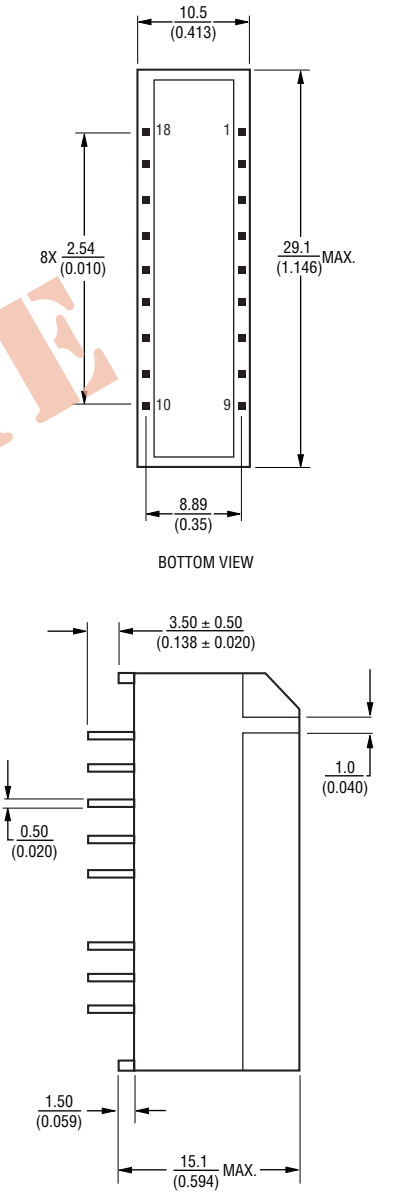
Model

Termination
L = Tin only (RoHS Compliant)

Electrical Schematic



Product Dimensions



DIMENSIONS: MM (INCHES)

TOLERANCES: ± 0.2 (.008)

REV. 05/13

*RoHS Directive 2002/95/EC Jan. 27, 2003 including annex and RoHS Recast 2011/65/EU June 8, 2011.
Specifications are subject to change without notice.
The device characteristics and parameters in this data sheet can and do vary in different applications and actual device performance may vary over time.
Users should verify actual device performance in their specific applications.