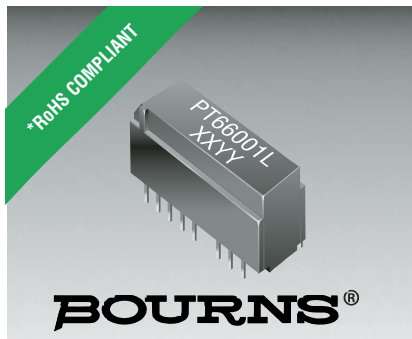




Features

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

Applications

- Telecom

PT66001L & PT66012L - ISDN S-Interface Transformer

Electrical Specifications @ 25 °C

Turns Ratio $\pm 1\%$ (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 (μ H)
 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

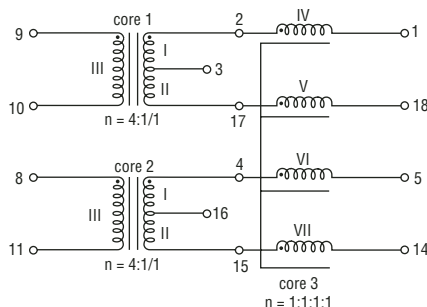
PT660xx L

Model _____

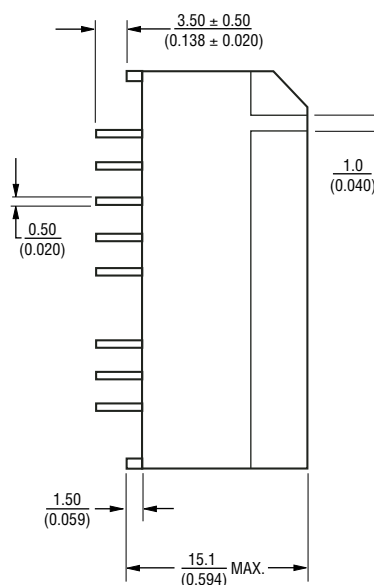
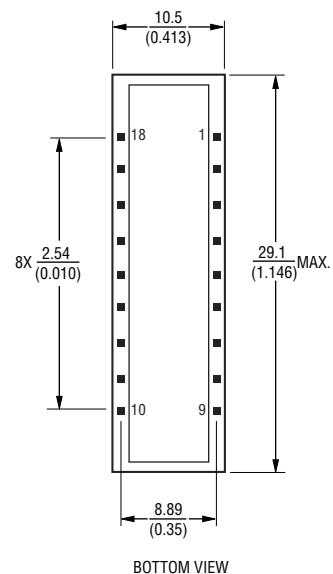
Termination _____

L = Tin only (lead free)

Electrical Schematic



Product Dimensions



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

TOLERANCES: $\pm \frac{0.2}{(.008)}$

REV. 09/08

*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