

Features

- Low height of only 5.7 mm
- RoHS compliant*

Applications

- Telecom

PT66006L - T1/CEPT/ISDN-PRI Transformer

Electrical Specifications @ 25 °C

Turns Ratio $\pm 2\%$

(6-4):(1-3) 1.266:1

(6-5):(1-3) 1:1

OCL (min.)

(1-3) 1.2 mH at 25 °C

(1-3) 800 μ H at -15 °C

Interwinding Capacitance (pF max.)

Cww (1-3) to (6-4) 25

Leakage Inductance Ls (μ H max.)

100 KHz, 10 mVrms (1-3) with (6-4) shorted 0.51

HIPOT (pri/sec) 1500 Vrms for 1 min. 1600 Vrms for 6 seconds

DCR (Ω max.)

(1-3) 0.6

(6-4) 0.8

Insertion Loss (0.1-2 MHz) ... 1.0 dB max. (pin 1 and 3 connected via 75 Ω)

Return Loss (dB min.)

51 KHz-102 KHz -14

102 KHz - 2048 KHz -22

2048 KHz - 3072 KHz -22

Operating Temperature (°C) -40 to +85

Other OCL specifications available on request.

Packaging Specifications

Tubes 75 pcs./tube

Tape and Reel* 700 pcs./reel

**E” suffix before “L” in part number designates tape & reel packaging, e.g. PT66006EL.

How To Order

Model **PT66006** **L**

Packaging _____

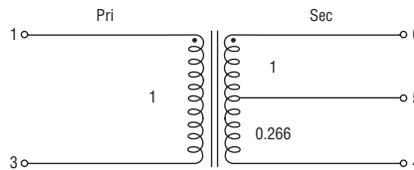
Blank = Packaged in tubes

E = Tape and reel

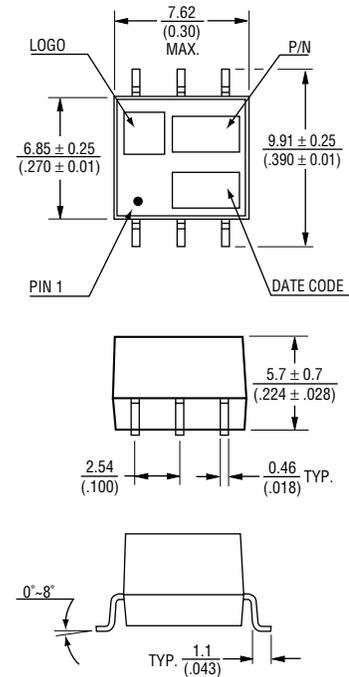
Termination _____

L = Tin only (lead free)

Electrical Schematic



Product Dimensions



Recommended Layout

