

## Features

- Dual SMD package with transmit and receive transformer
- Low height of only 5.6 mm
- Wide operating temperature: -40 °C to +85 °C
- Matched to leading transceiver ICs
- RoHS compliant\*

## Applications

- Telecom

## PT66007L & PT66013L - T1/E1/CEPT Transformer

### Electrical Specifications @ 25 °C

Turns Ratio ( $\pm 3\%$ )	
PT66007L (1-3:16-14).....	1CT:1.24CT
PT66007L (6-8:11-9).....	1CT:1CT
PT66013L (1-3:16-15/16-14)	
.....	2CT:1/1.26
PT66013L (9-11:6-7/6-8) ....	2CT:1/1.26
OCL (mH) min at 100 kHz, 0.2 V.....	1.5
Crosstalk (dB typ.)	
0.1 to 10 MHz .....	-60
Pri DCR (ohm max) .....	0.8
Leakage Inductance ( $\mu\text{H}$ max.) .....	0.5
Interwinding Capacity (pF max.) .....	35
HIPOT 60 sec. (Vrms) .....	1500
Insulation Resistance (Mohm).....	10000
Operating Temperature (°C) ....	-40 to +85

\*CT : center tap

Other OCL specifications available on request.

### Packaging Specifications

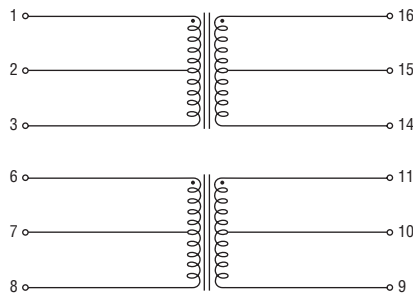
Tubes .....	50 pcs./tube
Tape and Reel* .....	750 pcs./reel

\*\*"E" suffix before "L" in part number designates tape & reel packaging, e.g. PT66007EL.

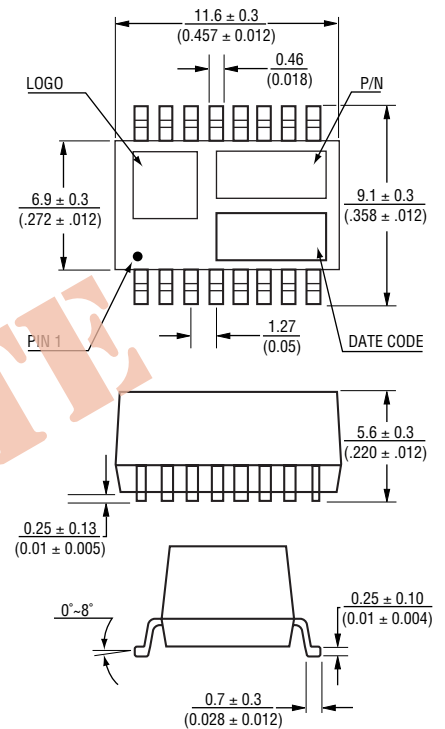
### How To Order

Model	PT660xx	L
Packaging	Blank = Packaged in tubes	
	E = Tape and reel	
Termination	L = Tin only (RoHS Compliant)	

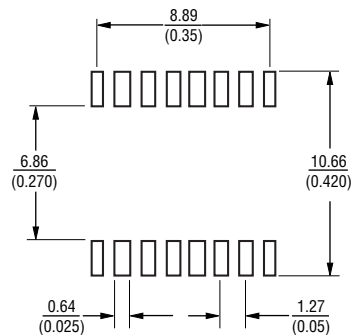
### Electrical Schematic



### Product Dimensions



### Recommended Layout



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

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Bourns:

PT66013