

BOURNS®

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 (μ 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

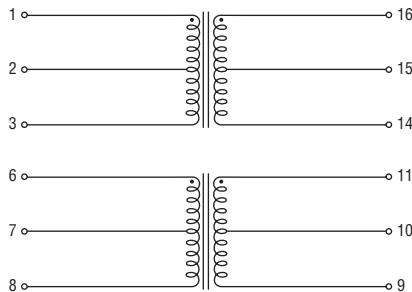
PT660xx L

Model _____

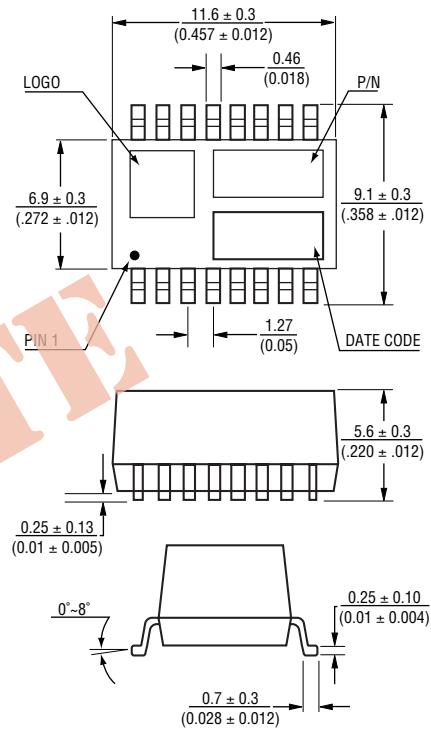
Packaging
Blank = Packaged in tubes
E = Tape and reel

Termination
L = Tin only (RoHS Compliant)

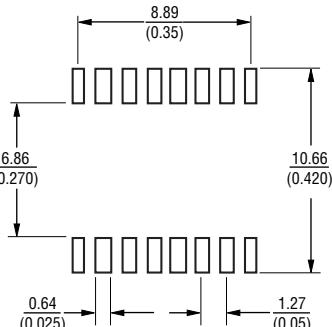
Electrical Schematic



Product Dimensions



Recommended Layout



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

Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

[Bourns](#):

[PT66013](#)