**Features**
- Dual SMD package with transmit and receive transformer
- Low height of only 8.6 mm
- Wide operating temperature: -40 °C to +85 °C
- Matched to leading transceiver ICs
- RoHS compliant*

**Applications**
- Telecom

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**PT66002L - T1 Transformer**

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**Electrical Specifications @ 25 °C**

- Turns Ratio ± 2 %
  - I + II: 1:1.5 CT*
  - III(CT*): IV + V: 1 CT*:2 CT*
- OCL (mH min.): 1.6
- Interwinding Capacitance Cww (pF)
  - Between I + II and III: < 50
  - Between IV + V and III (CT*): < 50
- Leakage Inductance Ls (µH max.): 0.8
- HIPOT 50 Hz for 2 sec. (Vrms)
  - III to I + II and III (CT*) to IV + V: 1500
  - DCR III, III(CT*) (Ω max.): 1
  - DCR IV + V (Ω max.): 2
- Operating Temperature (°C): -40 to +85

*CT: Center tap

Other OCL specifications available on request.

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**Packaging Specifications**

- Tube: 30 pcs./tube

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**How To Order**

- Model: PT66002L
- Termination: L = Tin only (RoHS Compliant)

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**Recommended Layout**

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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.