

T1/E1/CEPT/ISDN-PRI TRANSFORMERS

Through Hole Package, Extended Temperature Range



**NEW Small
Single Package!**



- ⊕ Small EP-7 package provides increased layout flexibility
- ⊕ Designed to UL 1459, UL 1950 and EN 60950 (pending)
- ⊕ Isolation Voltage: 1000 Vrms
- ⊕ Industry standard footprint and pinout

Electrical Specifications @ 25°C

Part No.	Turns Ratio ^A (Pri:Sec ±2%)	OCL ^{A, B} (mH MIN)	C _{w/w} (pF MAX)	L _L ^A (μH MAX)	DCR Pri (Ω MAX)	DCR Sec (Ω MAX)	Package/ Schematic	Primary Pins
T2004	1CT:1CT	3.00	27	4.00	0.80	0.80	CHEN	1-3
T2005	1.66CT:1CT	2.00	27	4.00	0.80	0.80	CHEN	1-3

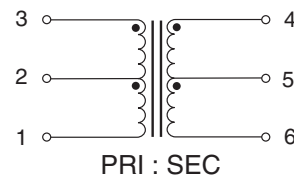
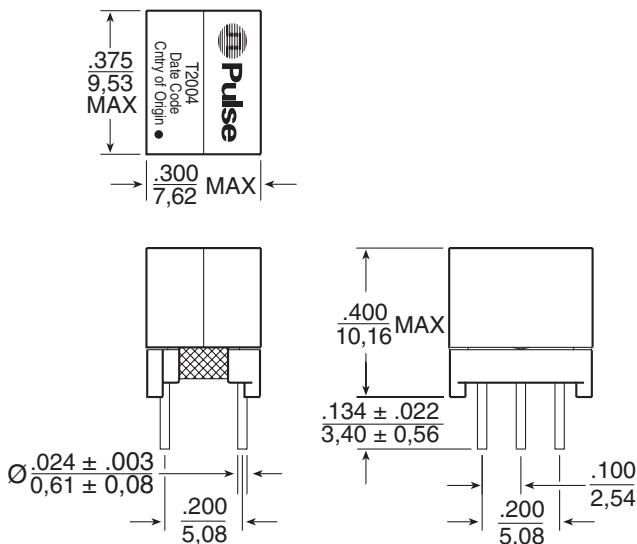
NOTES:

- A. OCL (primary inductance) and L_L (leakage inductance) are measured at the primary winding. (CT = Center Tap).
- B. Extended Temperature Range Models — For these extended temperature range transformers (-40°C to +85°C operating temperature range), OCL is specified at -40°C to be 1.2 mH minimum. All other parameters are specified at +25°C only.
- C. Alternative turns ratio versions are available. Contact Applications Engineering for further information.

Mechanicals

Schematic

CHEN



Weight1.8 grams
Tray80/tray

Dimensions: Inches
mm
Unless otherwise specified,
all tolerances are ± .010
0,25

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