

T1/E1/CEPT/ISDN-PRI TRANSFORMERS

Extended Temperature Range



- Small EP-7 package provides increased layout flexibility
- Isolation Voltage: 1000Vrms
- Industry standard footprint and pinout

Electrical Specifications @ 25°C

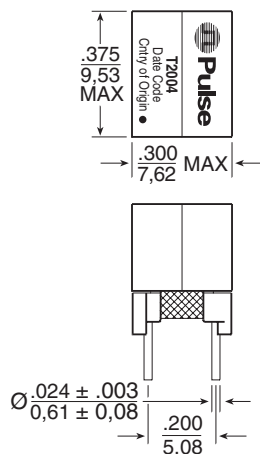
Part No.	Turns Ratio ^A (Pri:Sec ±2%)	OCL ^{A, B} (mH MIN)	C _{w/w} (pF MAX)	L _L ^A (μH MAX)	DCR Pri (Ω MAX)	DCR Sec (Ω MAX)	Primary Pins
T2004	1CT:1CT	3.00	27	4.00	0.80	0.80	1-3
T2005	1.66CT:1CT	2.00	27	4.00	0.80	0.80	1-3
T2060	1CT:1CT	3.00	27	4.00	0.80	0.80	1-3

NOTES:

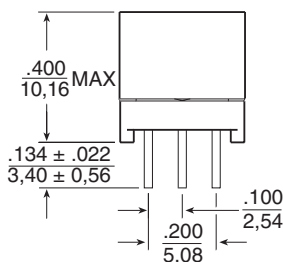
- A. OCL (primary inductance) and L_L (leakage inductance) are measured at the primary winding. (CT = Center Tap).
- B. Extended Temperature Range Models — For these extended temperature range transformers (-40°C to +85°C operating temperature range), OCL is specified at -40°C to be 1.2 mH minimum. All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

Mechanicals

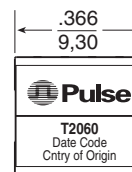
T2004/T2005



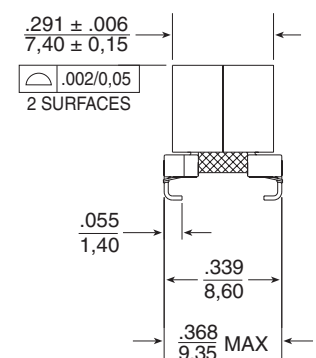
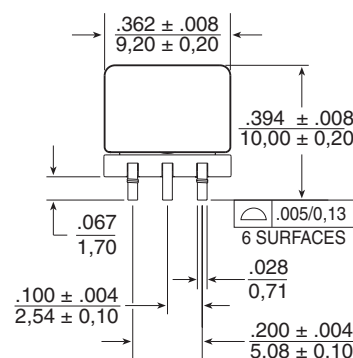
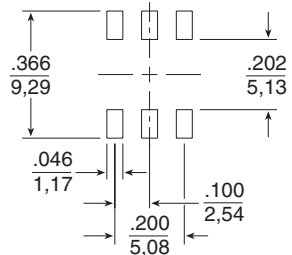
	T2004/T2005	T2060
Weight	1.8 grams	2.2 grams
Tray	80/tray	300/tray
Dimensions:	Inches	
	mm	
Unless otherwise specified, all tolerances are ±	.010	.025



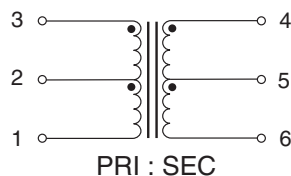
T2060



SUGGESTED PAD LAYOUT



Schematic



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T2005