



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of "Quality Parts,Customers Priority,Honest Operation,and Considerate Service",our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



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T1/E1/CEPT/ISDN-PRI SMT TRANSFORMERS

Ruggedized

PulseR
Ruggedized Solutions



- Pick and Place Compatible
- Isolation Voltage: 1500 Vrms minimum
- Extended Temperature Range: -55°C to +125°C
- Tape and Reel packaging available
- Lead Finish: Sn63/Pb37
- Epoxy Encapsulated
- MSL: 3

Electrical Specifications @ 25°C — Operating Temperature -55°C to +125°C

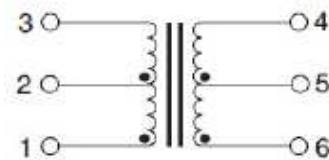
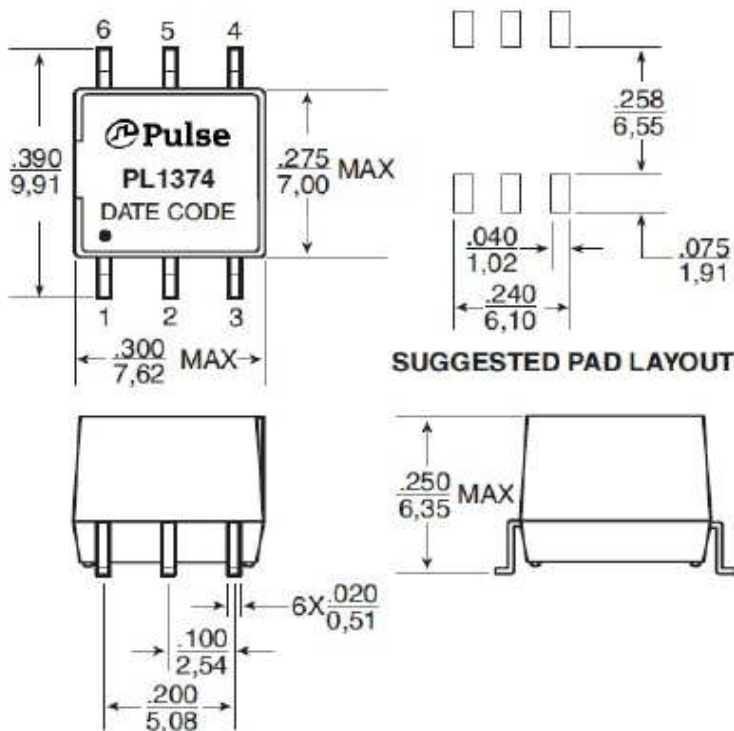
Part Number	Turns Ratio (Pri:Sec +2%)	OCL Pri @ 25°C (mH MIN)	C _{ww} (pF MAX)	DCR Pri (Ω MAX)	Primary Pins
PL1374	1CT: 1CT	1.2	35	0.8	1-3

Note: 1. Add suffix "NL" for RoHS compliant part; i.e. PL1374 becomes PL1374NL 2. Add Suffix "T" for Tape and Reel packaging

Mechanical

Schematic

PL1374

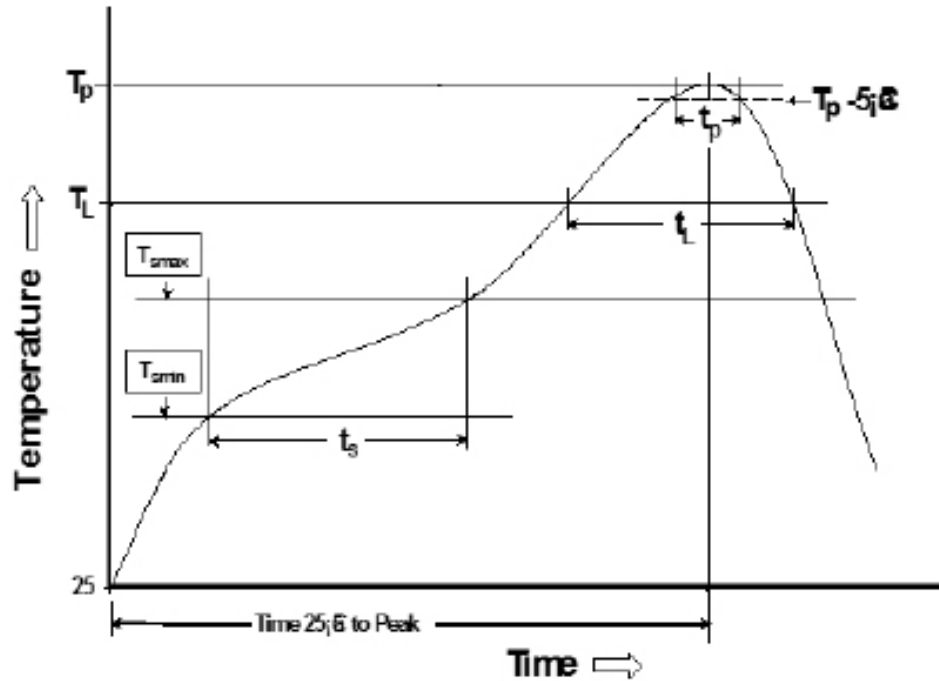


Weight0.6 grams
Tape & Reel500/reel
Tube70/tube
Dimensions: $\frac{\text{Inches}}{\text{mm}}$
Unless otherwise specified,
all tolerances are $\pm \frac{.010}{0.25}$

T1/E1/CEPT/ISDN-PRI SMT TRANSFORMERS

Ruggedized

Tin/Lead Recommended Reflow Profile (Based on J-STD-020D)



T_{SMIN} (°C)	T_{SMAX} (°C)	T_L (°C)	T_P (°C MAX)	t_s (s)	t_L (s)	t_p (s MAX)	Ramp-up rate (T_L to T_P)	Ramp-down rate (T_P to T_L)	Time 25°C to peak temperature (s MAX)
100	150	183	235	60-120	60-150	20	3°C/s MAX	6°C/s MAX	360

Notes:

1. All temperatures measured on the package leads.
2. Maximum times of reflow cycle: 2.

For More Information

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For Global Sales Representatives and Locations

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