T1/E1/CEPT/ISDN-PRI SMT TRANSFORMERS

Ruggedized



Pick and Place Compatible

Isolation Voltage: 1500 Vrms minimum Extended

• Temperature Range: -55°C to +125°C

Lead Finish: Sn63/Pb37Epoxy Encapsulated

Moisture Sensitivity Level: 3

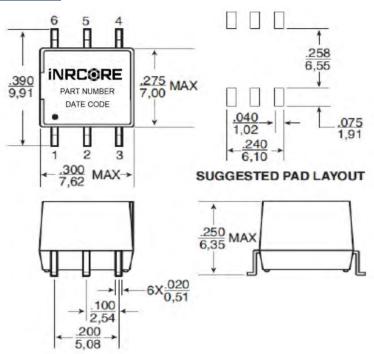
Electrical Specifications @ 25°C — Operating Temperature -55°C to +125°C											
Part Number	Turns Ratio (Pri:Sec <u>+</u> 2%)	OCL Pri @ 25°C (mH MIN)	C _{WW} (pF MAX)	DCR Pri (Ω MAX)	PrimaryPins						
PL1374	1CT: 1CT	1.2	35	0.8	1-3						

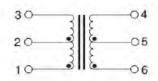
Note: 1. Add suffix "NL" for RoHS compliant part; I.e. PL1374 becomes PL1374NL.

2. Optional Tape & Reel packaging can be ordered by adding a "T" suffix to the part number (i.e. PL1374 becomes PL1374T).

Mechanical Electrical Schematic

PL1374





Dimensions: Inches

Unless otherwise specified, all tolerances are: $\pm \frac{.010}{0.25}$

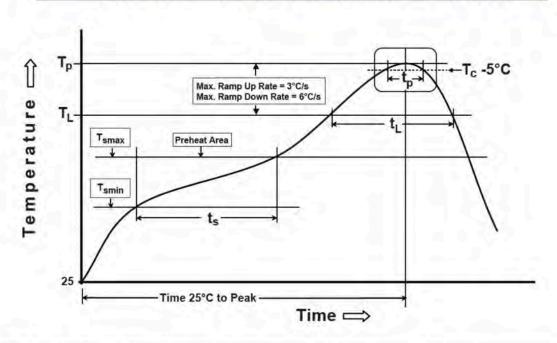


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Tin/Lead Recommended Reflow Profile (Based on J-STD-020D)



T _{SMIN} (°C)	10/22/1901	12.000	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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http://www.inrcore.com

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