

- ⊗ Lead Finish: Sn63/Pb37
- ⊗ Moisture Sensitivity Level: 3

Electrical Specifications @ 25 °C – Operating Temperature – 40 °C to +130 °C

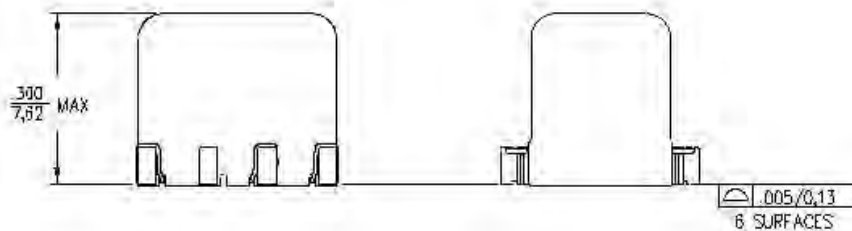
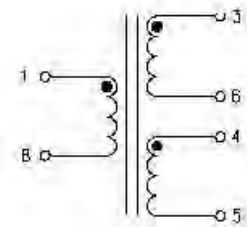
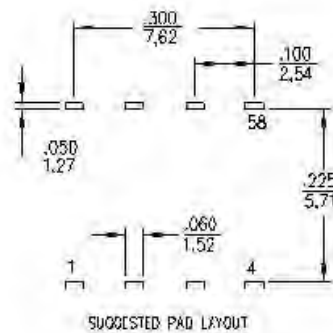
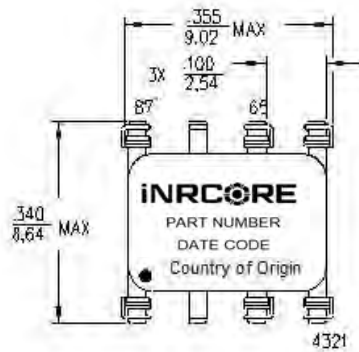
Part Number	Turns Ratio	Pri-Sec Insulation	Primary Inductance (µH MIN)	Leakage Inductance (µH Max)	DCR Primary (Ω MAX)	DCR Secondary (Ω MAX)
PL3140	2:1:1	1500 Vrms	1200	0.6	.91	0.46

Notes: 1. Add "T" Suffix for tape and reel i.e., PL310 becomes **PL3140T**.
 2. Add Suffix "NL" for RoHS compliant part i.e., PL3104 becomes **PL3140NL**.

Mechanical

Electrical Schematic

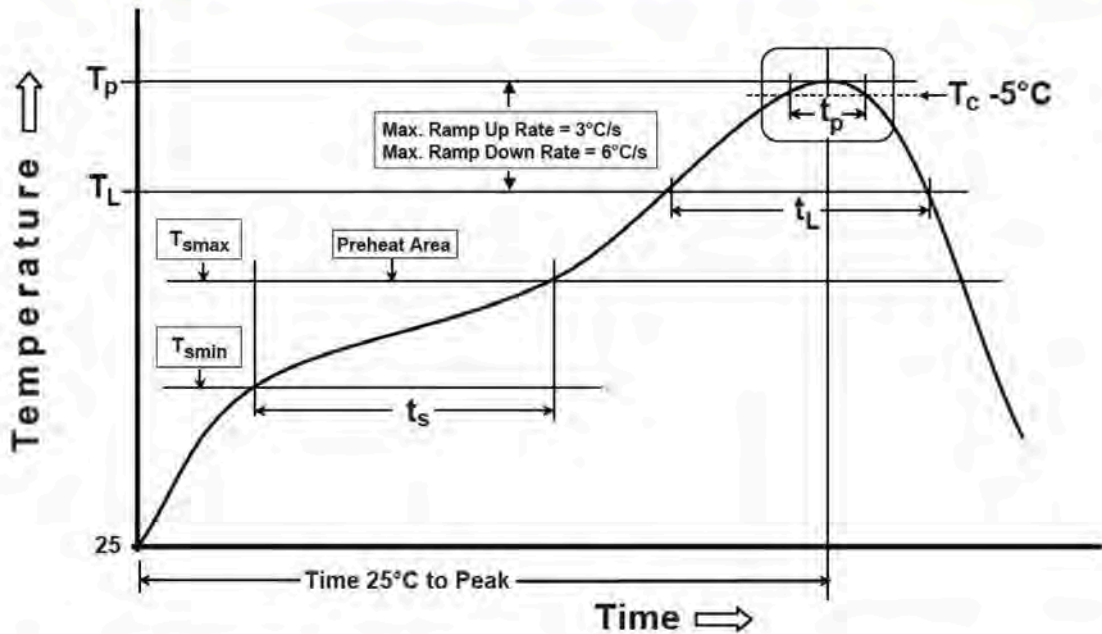
PL3140



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



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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