

COMMON MODE CHOKE

For Telecom Applications, Extended Temperature Range
Ruggedized



- Low-profile small surface mount package
- Optimized for radiated emissions to improve noise immunity
- Operating and storage temperature: -55°C to +125°C
- Moisture Sensitivity Level: 3
- Max Reflow Temp: 235°C
- Lead Finish is Sn63/Pb37

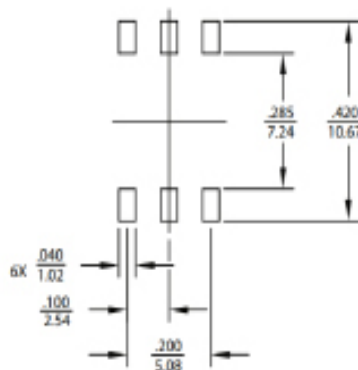
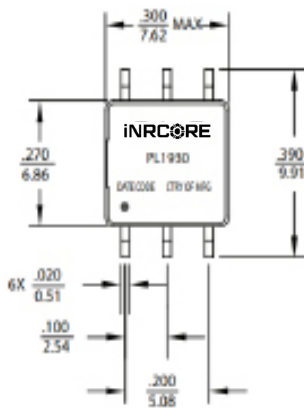
Electrical Specifications 25°C						
Part Number	Common Mode Attenuation (dB MIN)				Primary Inductance OCL (μH MIN)	DCR (Ω Max)
	1MHz	10MHz	100MHz	500MHz		
PL1930	-10.0	-15.0	-12.0	-5.0	35	0.15

Notes: 1. Please add suffix "T" to part number for Tape and Reel Packaging (i.e. PL1930T)
2. To order RoHS compliant parts, add "NL" to the part number (ie. PL1930 and PL1930NL).

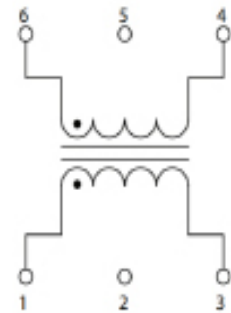
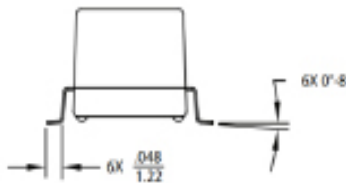
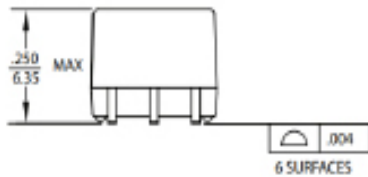
Mechanical

Schematic

PL1930



SUGGESTED LAND PATTERN



Weight 0.6 grams
 Tube 70/tube
 Tape & Reel 500/reel
 Dimensions: Inches
 mm
 Unless otherwise specified, all tolerances are ± .010
 0.25

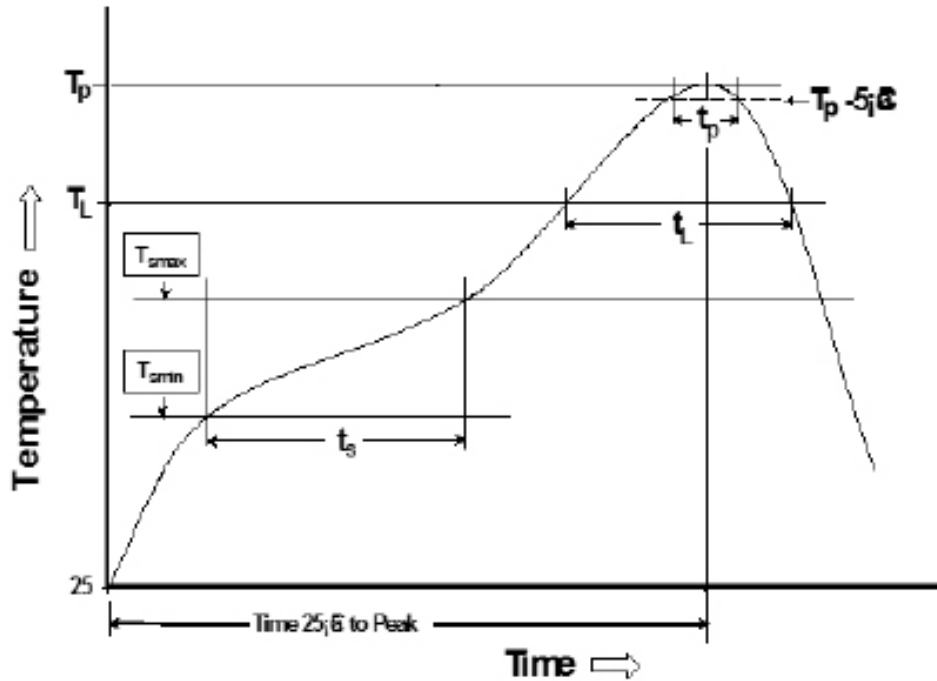


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Tin/Lead Recommended Reflow Profile (Based on J-STD-020D)



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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