



Features

- Shielded construction
- Unit height of 4 mm
- Inductance range: 0.5 to 1.8 μ H
- Current up to 13 A
- RoHS compliant*

Applications

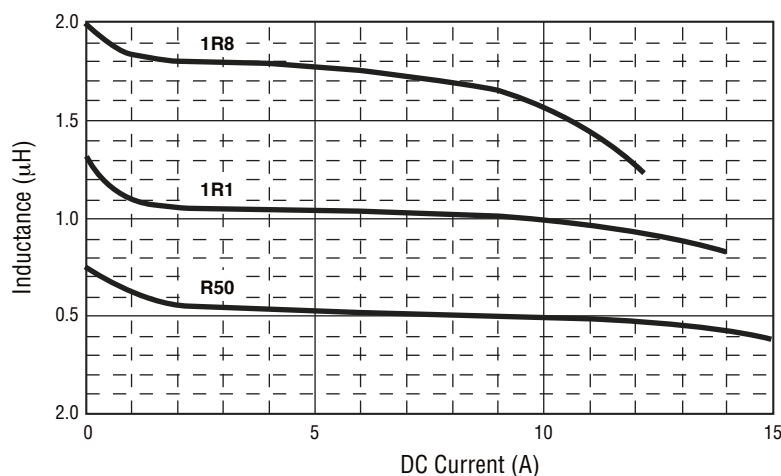
- Input/output of DC/DC converters
- Power supplies for:
 - Portable communications equipment
 - Camcorders
 - LCD TVs

SRP1204 Series - Shielded Power Inductors

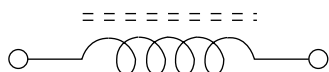
Electrical Specifications

Bourns Part No.	Initial Inductance L0 (μ H)	Inductance at Flat Point L1 (μ H)	Flat Point Ref. (A)	I rms (A)	I sat (A)	DCR (m Ω) Max.
SRP1204-R50M	0.75 $\pm$ 20 %	0.55 $\pm$ 20 %	2.0	13.0	14.0	3.0
SRP1204-1R1M	1.30 $\pm$ 20 %	1.10 $\pm$ 20 %	2.0	12.0	13.0	4.5
SRP1204-1R8M	2.00 $\pm$ 20 %	1.80 $\pm$ 20 %	2.0	10.0	11.0	6.0

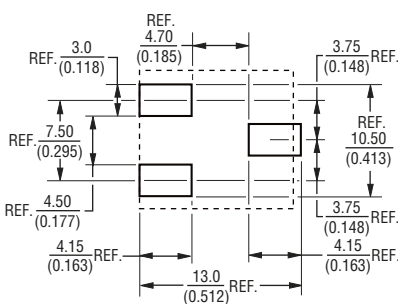
L vs I Charts



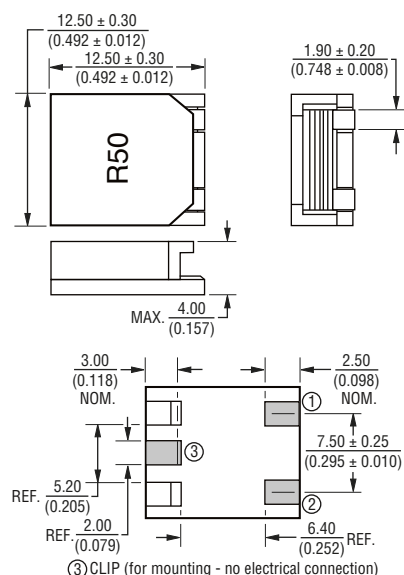
Electrical Schematic



Recommended Layout



Product Dimensions



DIMENSIONS: $\frac{\text{MM}}{\text{(INCHES)}}$



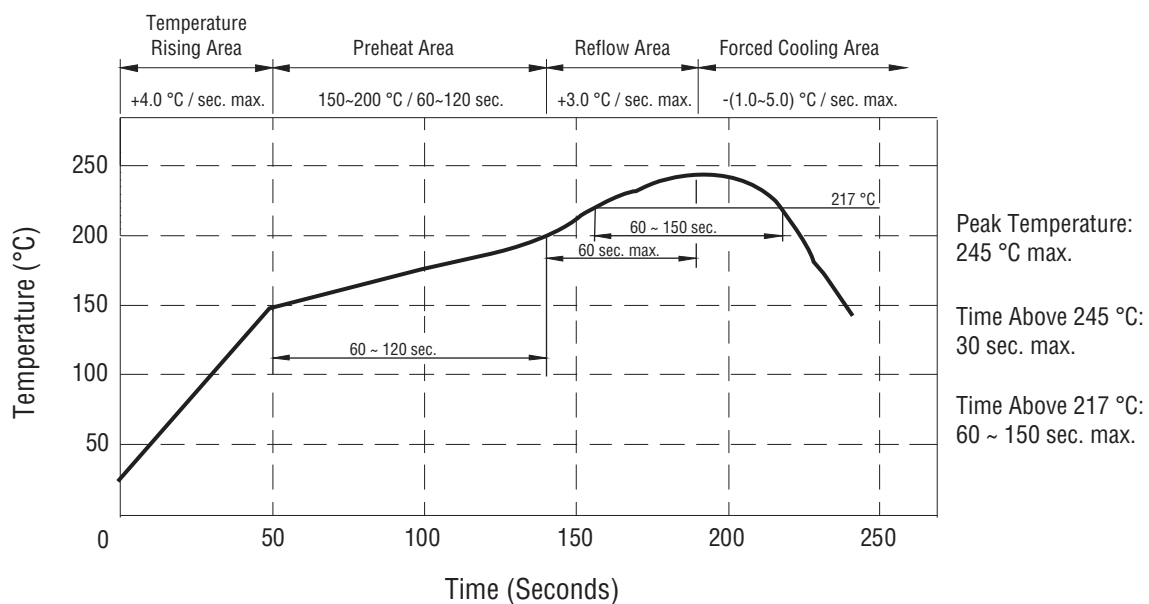
WARNING Cancer and Reproductive Harm - www.P65Warnings.ca.gov

*RoHS Directive 2002/95/EC Jan. 27, 2003 including annex and RoHS Recast 2011/65/EU June 8, 2011. Specifications are subject to change without notice. Users should verify actual device performance in their specific applications. The products described herein and this document are subject to specific legal disclaimers as set forth on the last page of this document, and at www.bourns.com/docs/legal/disclaimer.pdf

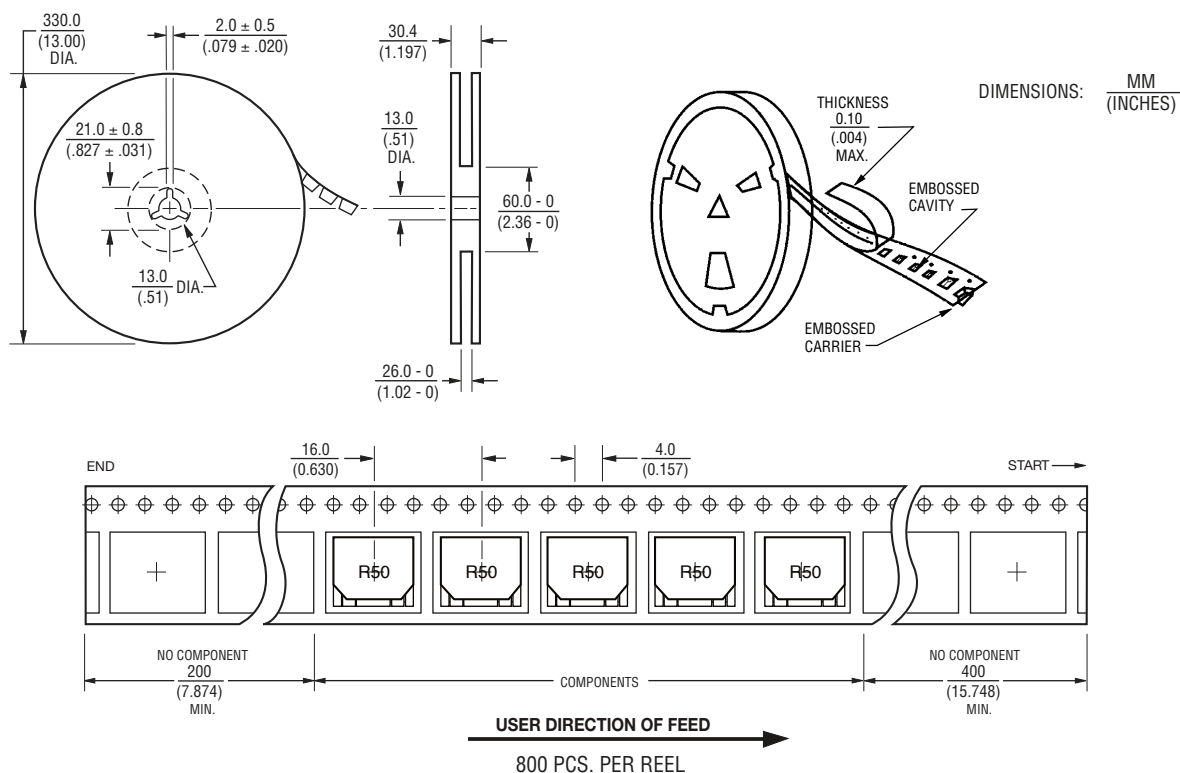
SRP1204 Series - Shielded Power Inductors

BOURNS®

Soldering Profile



Packaging Specifications



REV. 03/18

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Users should verify actual device performance in their specific applications.

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Наши преимущества:

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- Поставка более 17-ти миллионов наименований электронных компонентов;
- Поставка сложных, дефицитных, либо снятых с производства позиций;
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- Техническая поддержка проекта, помощь в подборе аналогов, поставка прототипов;
- Система менеджмента качества сертифицирована по Международному стандарту ISO 9001;
- Лицензия ФСБ на осуществление работ с использованием сведений, составляющих государственную тайну;
- Поставка специализированных компонентов (Xilinx, Altera, Analog Devices, Intersil, Interpoint, Microsemi, Aeroflex, Peregrine, Syfer, Eurofarad, Texas Instrument, Miteq, Cobham, E2V, MA-COM, Hittite, Mini-Circuits, General Dynamics и др.);

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- Подбор оптимального решения, техническое обоснование при выборе компонента;
- Подбор аналогов;
- Консультации по применению компонента;
- Поставка образцов и прототипов;
- Техническая поддержка проекта;
- Защита от снятия компонента с производства.



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