

- Compact size using flat wire, and SMD type.
扁平线小尺寸封装，贴片类型
- Low radiation noise by magnetically shielded construction
闭合磁路封装，低辐射
- High current, Low resistance.
大电流，低电阻
- Operating temperature : -40℃~+125℃.
工作温度：-40℃~+125℃

Applications

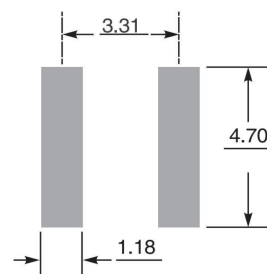
- high efficiency DC/DC converters. 高效 DC/DC 转换器
- Single and polyphase buck converters. 单相、多相降压转换器
- Filter for audio applications. 音频滤波应用
- Optimized for high current boost applications. 大电流升压应用优化

Electrical characteristics

Part number 料号	Inductance 电感量 μH (±20%)	DC resistance 直流电阻 mΩ		Temperature rise current 温升电流 A.		DC saturation current 直流饱和电流 A max. ΔL ≤ 30%
		Typ	max	ΔT ≤ 20℃	ΔT ≤ 40℃	
RSAL5030-1R0M	1	8.5	9.4	8.7	11.1	14.0

Remark

- Inductance is measured with a LCR meter 4284A or equivalent.
Test frequency at 100kHz
- DC resistance is measured with 16502 Milliohm Meter , or equivalent.
Reference ambient temperature 25℃



Dimensions

