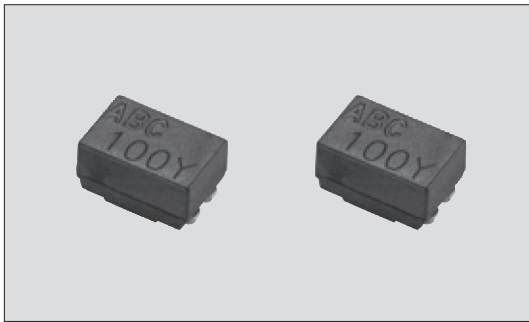
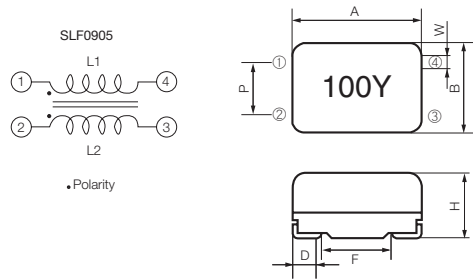


SLF 共模扼流线圈 Common Mode Choke Coils



外形尺寸 Dimensions(mm)



特点 Features

- 是表面封装型的薄型共模扼流线圈。
- 对应回流焊接。
- 端子无铅品，符合欧盟RoHS。
- Surface mounting type thin and common mode choke coil.
- Suitable for reflow soldering.
- Products with lead free termination meet EU-RoHS requirements.

用途 Applications

- 除去电源、信号线路的噪声。
- Power supply and noise clearance on signal line

外形尺寸 Dimensions

型号 Type	尺寸 Dimensions (mm)							Weight (g/1000pcs)
	A	B	H	D	P	F	W	
SLF0905	9.2±0.3	6.0±0.3	5.0±0.3	1.4 Max.	2.54 ±0.2	5.7 Ref.	1.0±0.1	600

额定值 Ratings

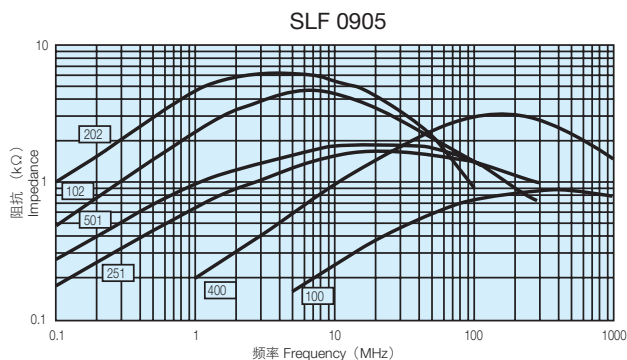
型号 Type	公称电感 Inductance (μH)	电感允许偏差 Inductance Tolerance L1、L2 (%)	直流电阻 DC Resistance (mΩ) Max.	允许直流电流 Allowable DC Current (mA) Max.	测定频率 Measuring Frequency (kHz)	使用温度范围 Operating Temperature Range	包装数量/卷 Q'ty/Reel (pcs)
SLF0905TTEB100Y	10	Y: ±30	80	1600	1	-25℃~+105℃※	1000
SLF0905TTEB400Y	40		250	900			
SLF0905TTEB251Y	250		130	1200			
SLF0905TTEB501Y	500		150	1000			
SLF0905TTEB102Y	1000		310	800			
SLF0905TTEB202Y	2000		420	600			

※包含自身的温升。Self-heating is included.

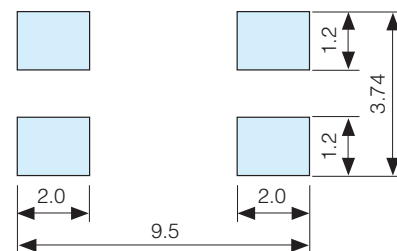
线圈上面部分的温度（环境温度+自身发热）须在工作温度上限（+105℃）以下。

That the operating temperature upper limit temperature of the coil winding portions (ambient temperature + self-heating) is (+105℃) or less.

阻抗频率特性 Impedance vs Frequency Characteristics



推荐焊接区尺寸 Recommended Pad Dimensions



※这些推荐焊接区尺寸是标准模式，不是保证特性的。应在事前经确认后使用。

※These pad dimensions are only for standard pattern and the characteristics are not guaranteed, which you are suggested to confirm before use.

使用注意事项 Precautions for Use

- 对电感器上施加强力、过度冲击时，电、磁特性会发生变化，因此在装载时和装载后不应施加过度冲击。
- 由于在线圈架上使用了铁氧体，通过转换频率，发热量会不同，因此使用时温度应在105℃以下。
- Avoid strong pressure or excessive shock at mounting or after mounting because electric/magnetic characteristics may change if it is applied to the inductors.
- Due to the products using ferrite for coil bobbins, use them 105℃ or under of inductor temperature because the volume of generating heat varies depending on switching frequency.

本样本手册中记载的产品规格如有变更，恕不一一奉告。订购及使用之前，请仔细确认规格表的内容。

用于车载设备、医疗设备、航空设备以及其它涉及人身安全、或可能引起重大损失的设备上时，请务必先与我司联系。这些产品在这类用途中出现故障或失灵可能导致人身事故或严重损坏。

Specifications given herein may be changed at any time without prior notice. Please confirm technical specifications before you order and/or use.

Contact our sales representatives before you use our products for applications including automobiles, medical equipment and aerospace equipment.

Malfunction or failure of the products in such applications may cause loss of human life or serious damage.