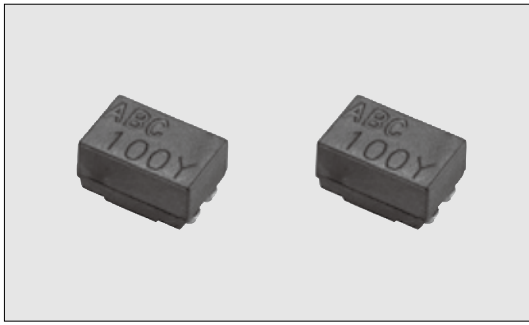
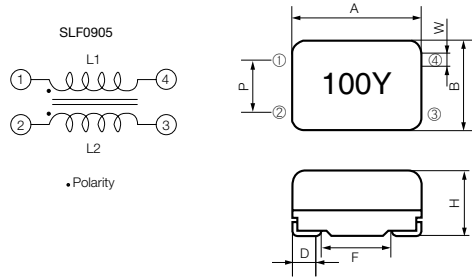


## SLF 共模扼流线圈 Common Mode Choke Coils



### 外形尺寸 Dimensions(mm)



### 特点 Features

- 是表面安装型的薄型共模扼流线圈。
- 对应回流焊接。
- 端子无铅品，对应欧盟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

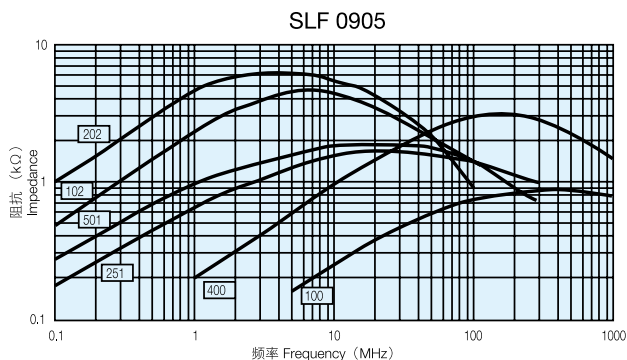
### 外形尺寸 Dimensions

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

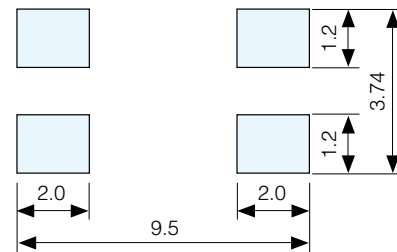
型号 Type	电感值 Inductance ( $\mu$ H)	电感允许偏差 Inductance Tolerance L1、L2 (%)	直流阻抗 DC Resistance ( $m\Omega$ ) Max.	允许直流电流 Allowable DC Current (mA) Max.	测定频率 Measuring Frequency (kHz)	使用温度范围 Operating Temperature Range	包装数/卷 Q'ty/Reel (pcs)
SLF0905TTEB100Y	10	Y: ±30	80	1600	1	-25°C ~ +105°C※	1000
SLF0905TTEB400Y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

### 阻抗频率特性 Impedance vs Frequency Characteristics



※包含自身的温升。Including self-temperature rise.

### 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°C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 °C or under of inductor temperature because the volume of generating heat varies depending on switching frequency.