

### 共模扼流滤波器-大电流

DC Common Mode (Line Filter-High Current)



#### 特性

Characteristics

超薄, 仅5.30毫米

Low profile, only 5.30 mm

高达5 A的大电流

High current up to 5 A

高阻抗高达2,200欧姆

High Impedance up to 2,200 Ohm

#### 应用

Application

数据线和信号线的电流补偿扼流圈

Current compensated choke for data and signal lines

信号和传感器线路、电源系统

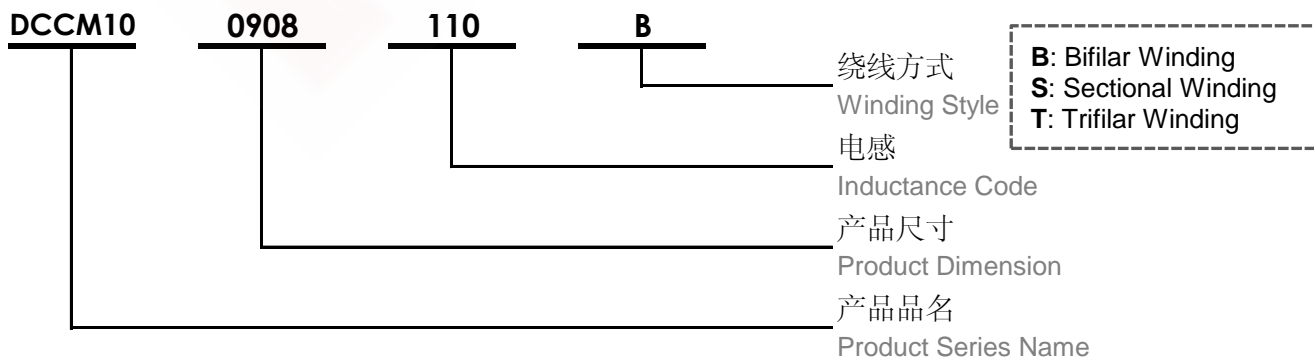
Signal and sensor lines, Power supply system

共模噪声的抑制

Suppression of common mode noise

#### 产品品名介绍

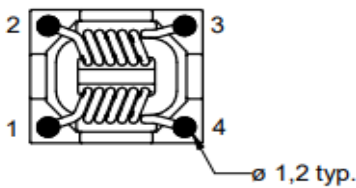
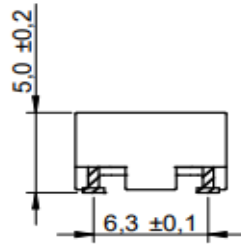
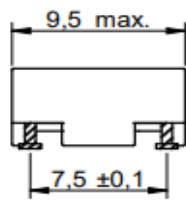
Product Number Structure





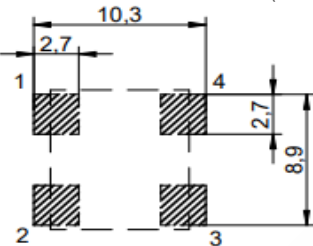
### 尺寸

Dimension (mm)



### 焊盘推荐

Land Pattern Recommended (mm)



### 示意图

Schematics



### 电性特性

Electrical Properties

型号 Part No.	电感 Inductance μH	阻抗 Impedance 100MHz Z (Ω)	温升电流 Rated Current I <sub>R</sub> 40°C (mA)	直流电阻 DC Resistance DCR <sub>max</sub> (mΩ)	绕线方式 Winding Style	包装数量 Packaging Qty pcs
DCCM10-1008-5R0S	5.00 typ	500 ±25%	5,000	5.50	Sectional	1,000
DCCM10-1008-9R0S	9.00 typ	800 ±25%	3,500	11.00	Sectional	1,000
DCCM10-1008-110S	11.00 typ	1,000 ±25%	2,500	30.00	Sectional	1,000
DCCM10-1008-300S	30.00 typ	2,200 ±25%	1,400	60.00	Sectional	1,000

### 测试状态

Test Condition

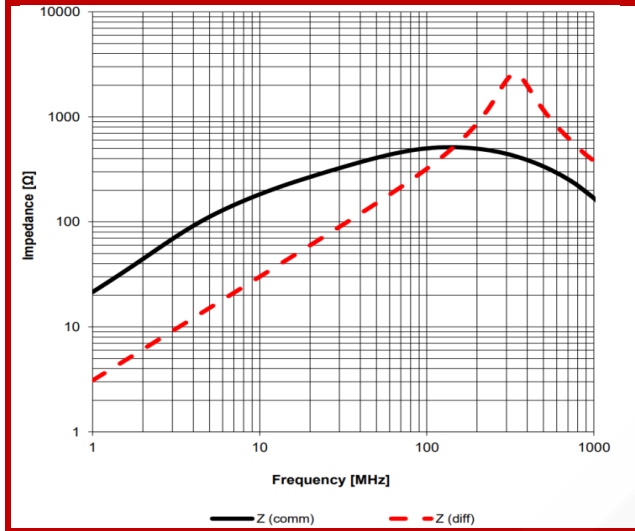
- ☆ 电感测试条件为 100kHz / 0.10mA (25°C)  
Inductance measure condition at 100kHz / 0.10mA (25°C)
- ☆ 工作温度: -40°C ~ +125°C  
Operating Temperature: -40°C ~ +125°C
- ☆ 速率电压: 80V  
Rated Voltage: 80V



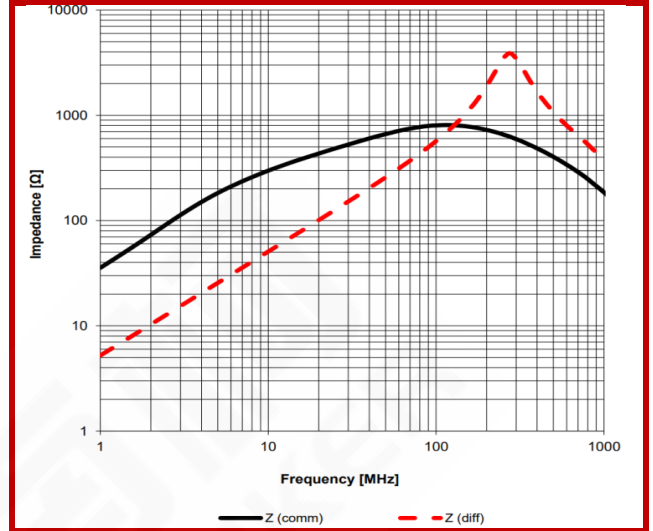
### 典型阻抗特性

Typical Impedance Characteristics

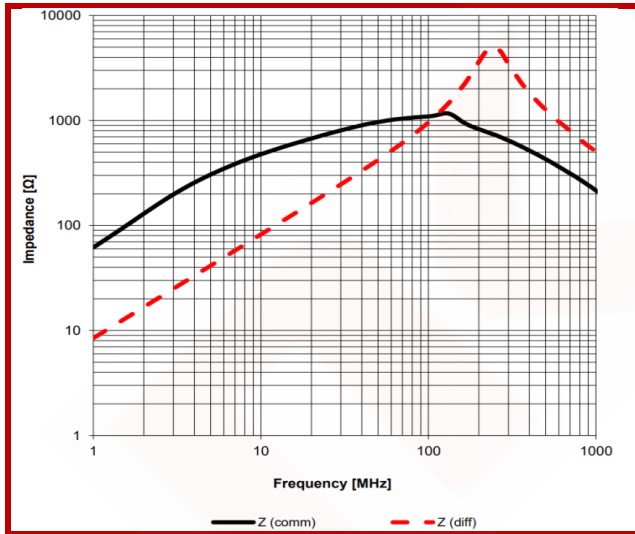
#### DCCM10-1008-5R0S



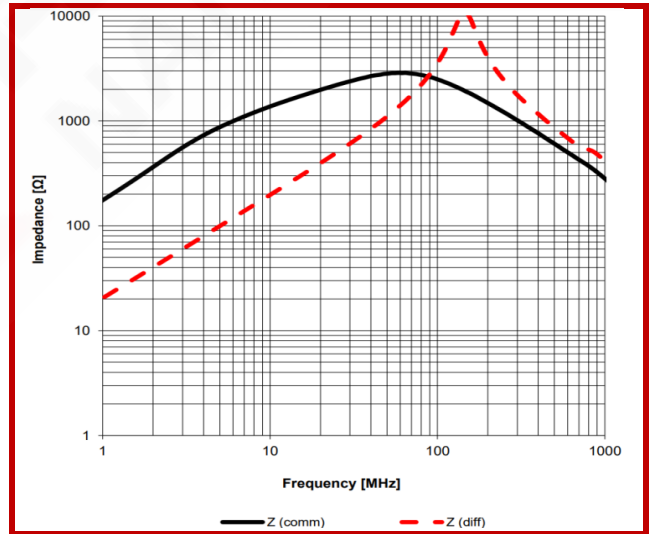
#### DCCM10-1008-9R0S



#### DCCM10-1008-110S



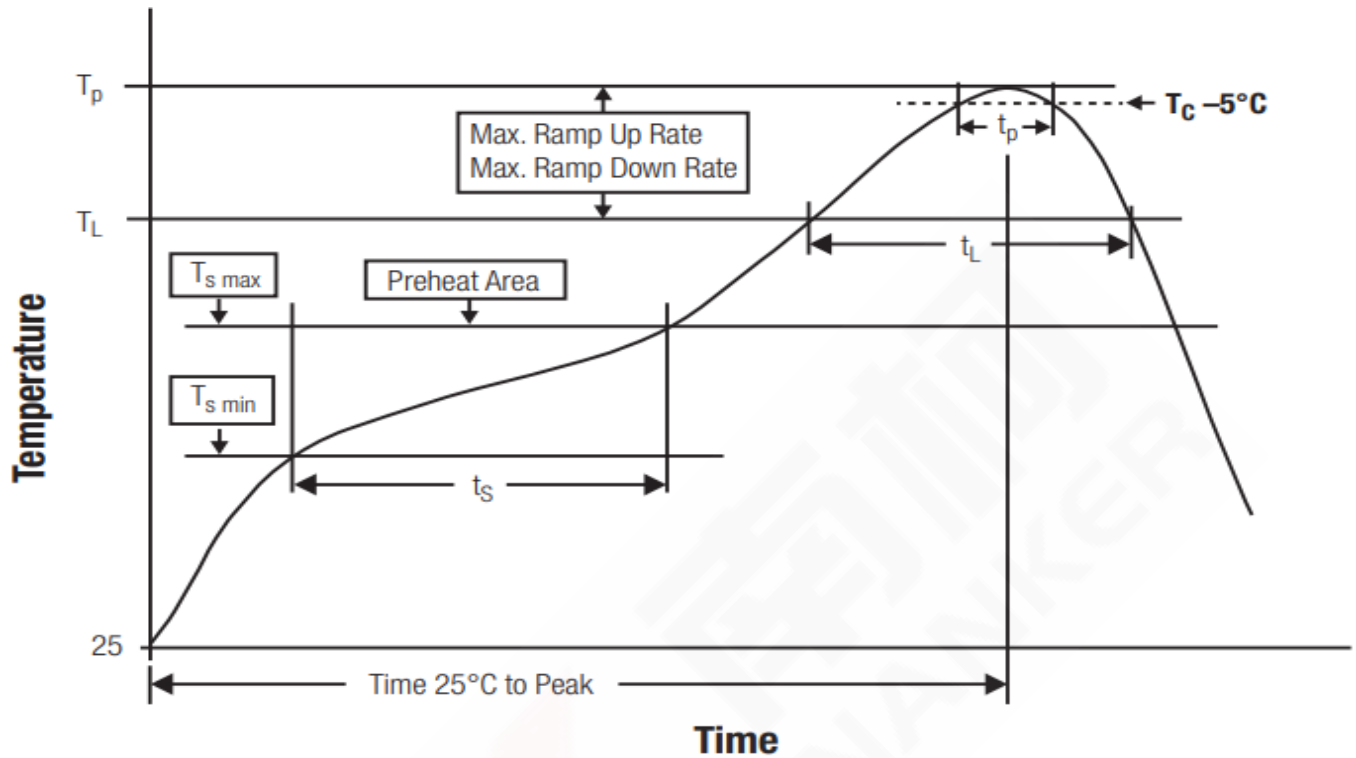
#### DCCM10-1008-300S





### 回流焊曲线图

Classification Reflow Profile for SMT Components



### 封装体峰值温度(Tp)分类

Classification Reflow Soldering Profile:

	封装厚度 Package Thickness	封装体积 Package Volume		
		<350 mm <sup>3</sup>	350~2,000 mm <sup>3</sup>	>2,000 mm <sup>3</sup>
无铅装配 PB-Free Assembly	<1.60mm	260°C	260°C	260°C
	1.60~2.50mm	260°C	250°C	245°C
	>2.50mm	260°C	245°C	245°C

- ◆ 回流焊参照标准 IPC/JEDEC J-STD-020D。  
Reflow is refer to standard IPC/JEDEC J-STD-020D.