

共模扼流滤波器

DC Common Mode (Line Filter)



特性

Characteristics

高达400毫安的高电流能力

High current capability up to 400 Ma

额定电压：80 VDC (42 VAC)

Rated voltage: 80 VDC (42 VAC)

应用

Application

信号和传感器线路

Signal and sensor lines

供电系统

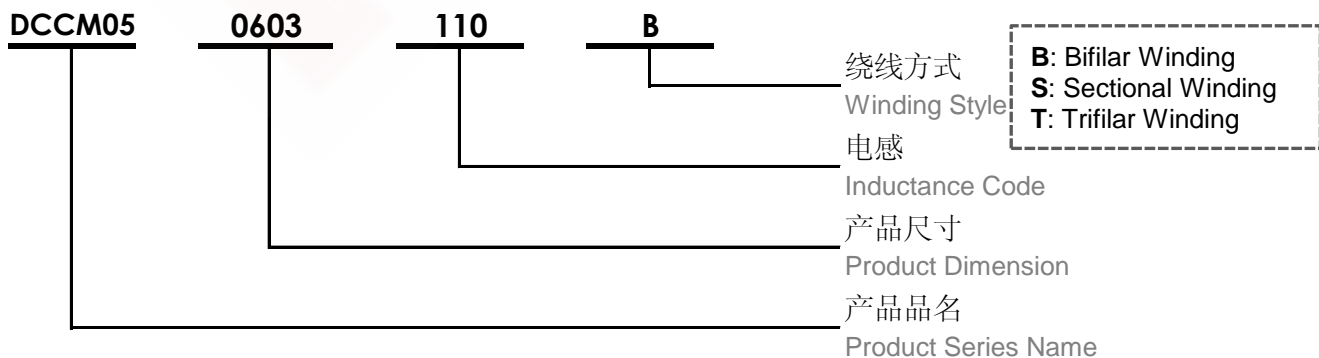
Power supply systems

共模噪声的抑制

Suppression of common mode noise

产品品名介绍

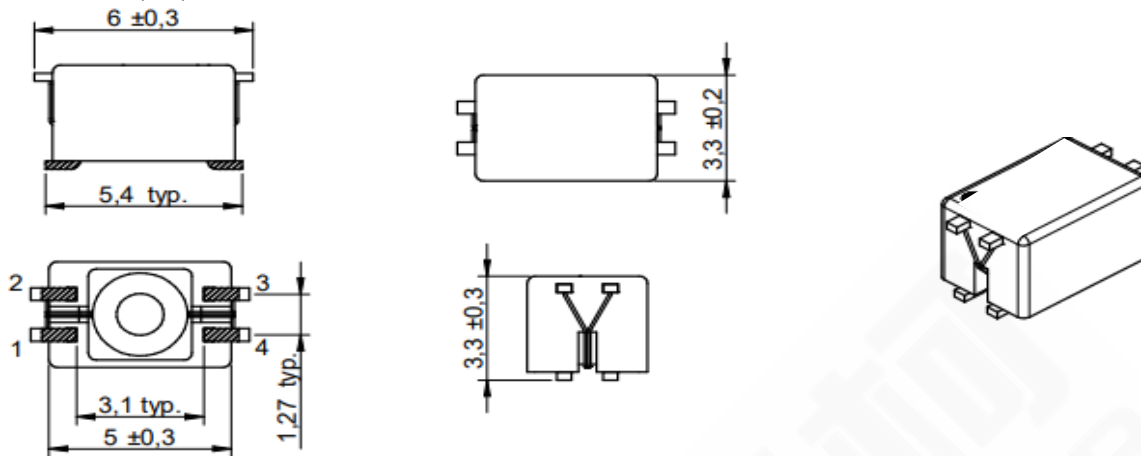
Product Number Structure





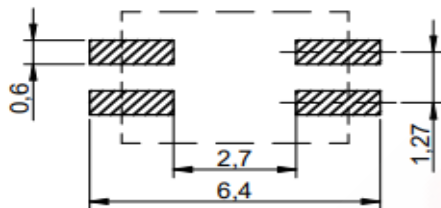
尺寸

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 $Z_{\text{max}} (\Omega)$	温升电流 Rated Current $I_{\text{R max } 40^\circ\text{C}} (\text{mA})$	直流电阻 DC Resistance $\text{DCR}_{\text{max}} (\Omega)$	额定电压 Rated Voltage V_{R}	包装数量 Packaging Qty pcs
DCCM05-0603-110B	11 +50%/-30%	800	300	0.18	80.00	500
DCCM05-0603-220B	22 +50%/-30%	1,500	300	0.23	80.00	500
DCCM05-0603-330B	33 +50%/-30%	2,000	300	0.27	80.00	500
DCCM05-0603-510B	51 +50%/-30%	2,500	400	0.32	80.00	500
DCCM05-0603-101B	100 +50%/-30%	4,000	300	0.58	80.00	500
DCCM05-0603-471B	470 +50%/-30%	2,200	400	0.35	80.00	500

测试状态

Test Condition

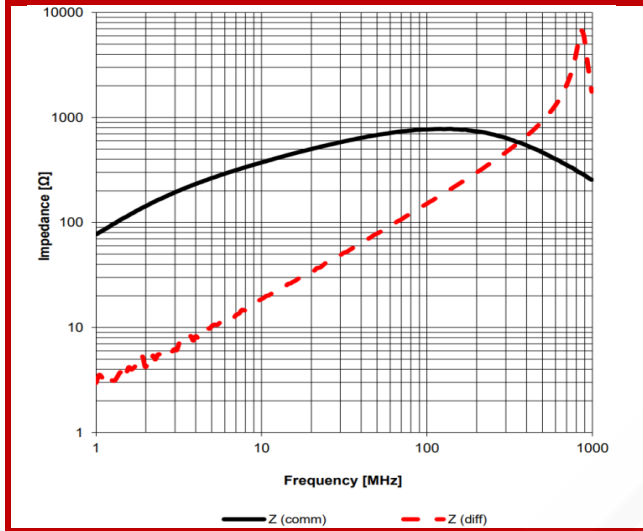
- ☆ 阻抗测试条件为 100MHz (25°C)
Impedance measure condition at 100MHz (25°C)
- ☆ 电感测试条件为 10kHz / 100mV (25°C)
Inductance measure condition at 10kHz / 100mV (25°C)
- ☆ 工作温度: -40°C ~ +125°C
Operating Temperature: -40°C ~ +125°C



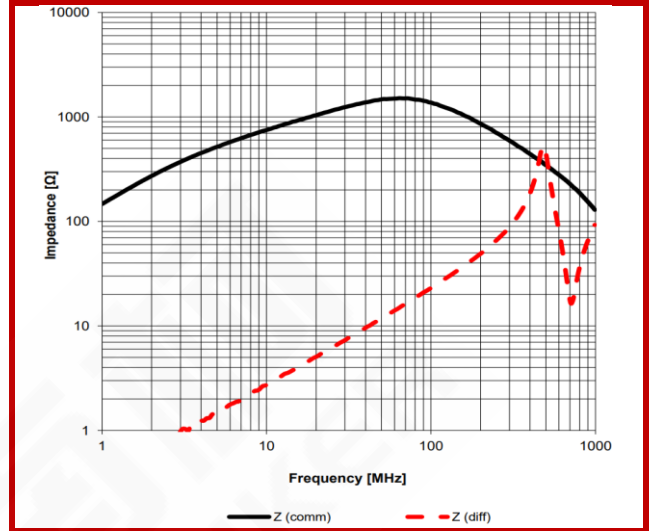
典型阻抗特性

Typical Impedance Characteristics

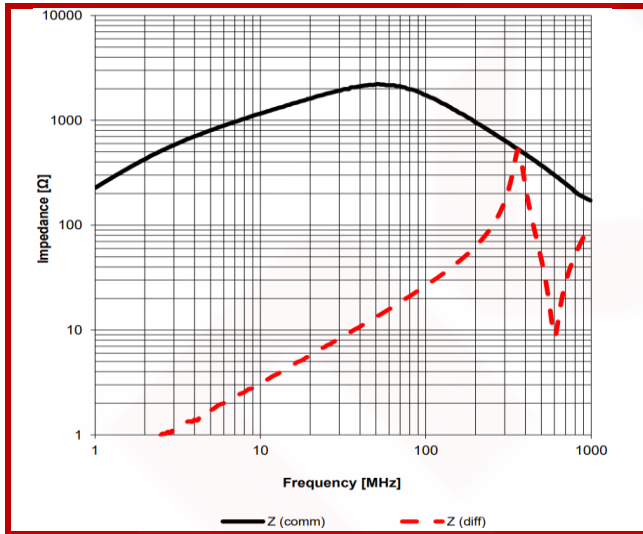
DCCM05-0603-110B



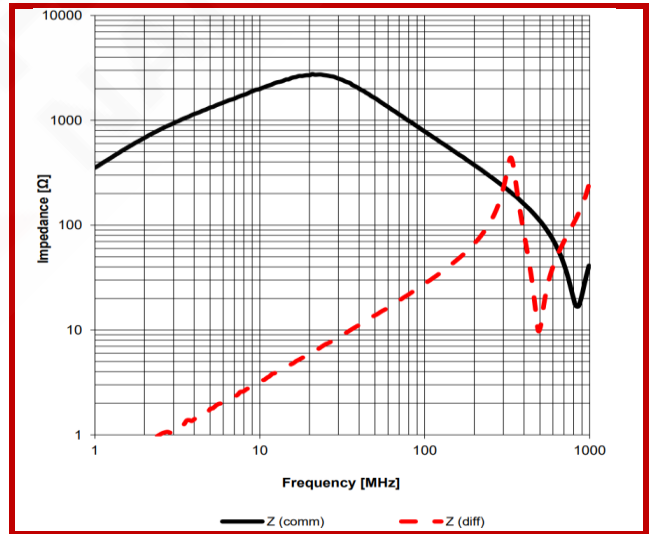
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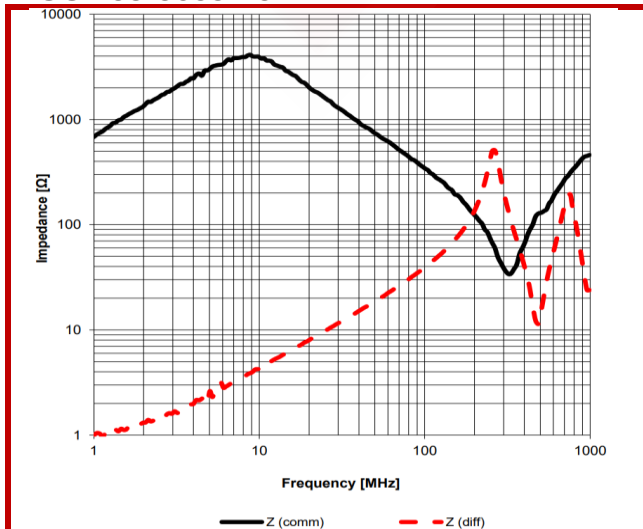
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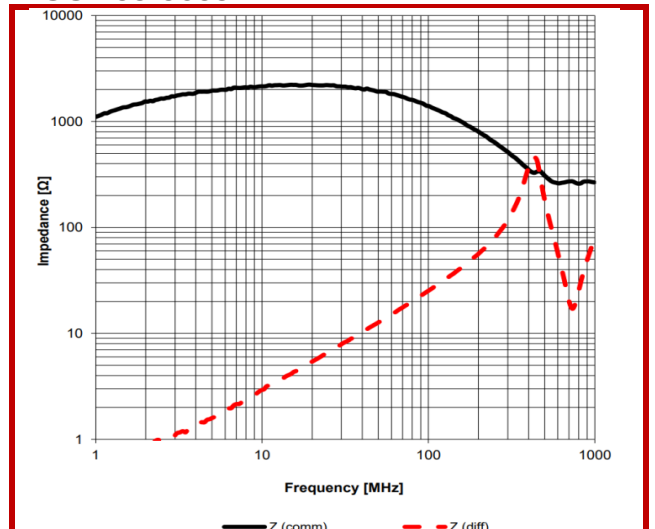
DCCM05-0603-510B



DCCM05-0603-101B



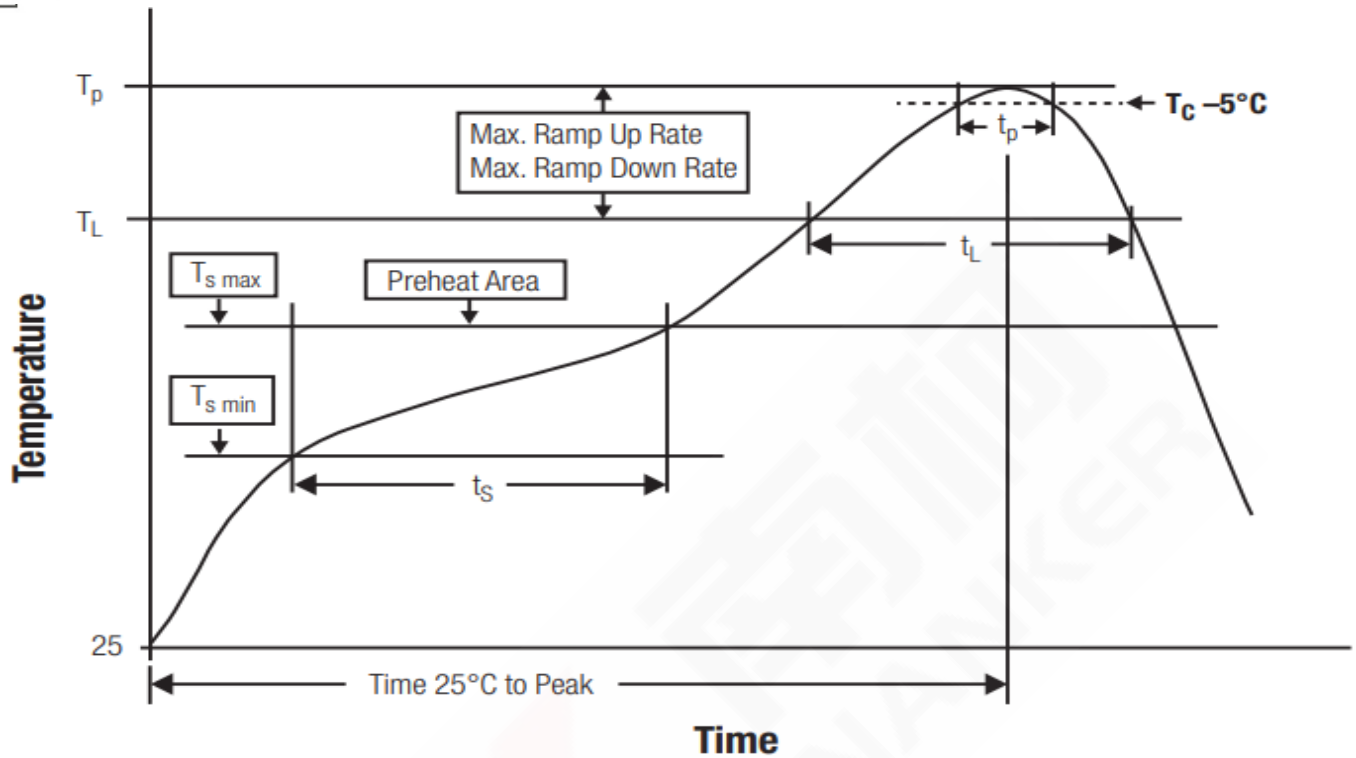
DCCM05-0603-471B





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 ³	350~2,000 mm ³	>2,000 mm ³
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.