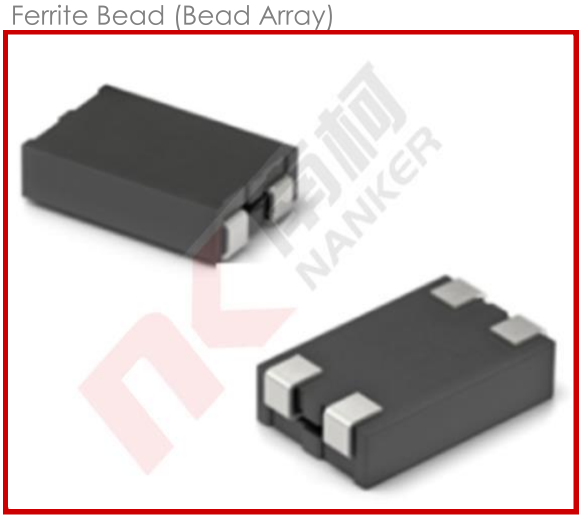
共模磁珠

Ferrite Bead (Bead Array)



特性

Characteristics

低直流电阻
Low DC resistance

阻抗高达200 Ω
Impedance up to 200 Ω

最大电流容量高达41 A
Maximum current capability up to 41 A

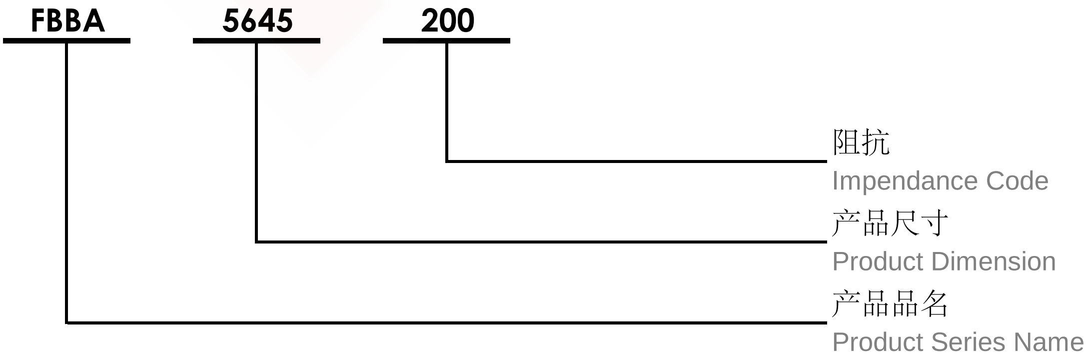
应用

Application

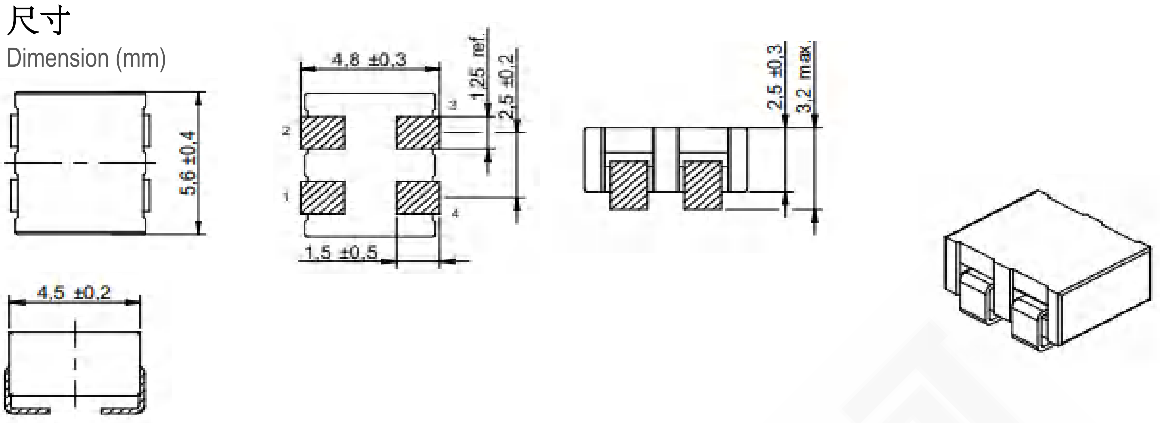
供电系统
Power supply systems
对称数据线
Symmetric data lines
电力电子
Power electronics

产品品名介绍

Product Number Structure



尺寸
Dimension (mm)



焊盘推荐
Land Pattern Recommended (mm)

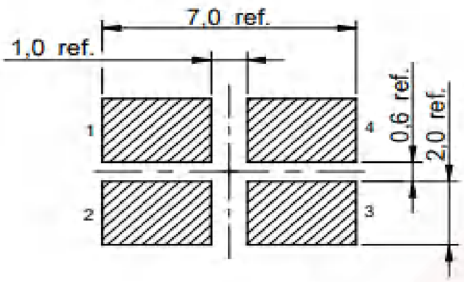


示意图
Schematics

电性特性
Electrical Properties

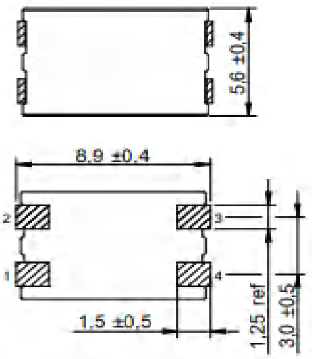
型号 Part No.	阻抗 Impedance Z (Ω) ±25%	温升电流 Rated Current IR 40°C typ. (A)	直流电阻 DCResistance DCRmax (mΩ)	卷盘数量 Taping Reel Qty. pcs
FBBA5645-300	@25 MHz 20.0 @100 MHz 30.0	34.00	3.00	2,000

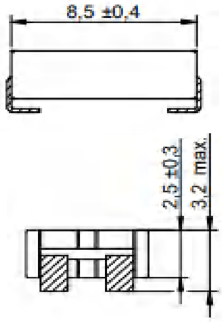
测试状态
Test Condition

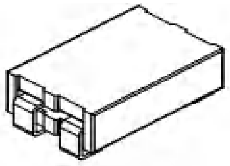
☆ 速率电压: 80V(DC)
Rate Voltage: 80 V(DC)

☆ 工作温度: -40°C ~ +125°C
Operating Temperature: -55°C ~ +125°C

尺寸
Dimension (mm)







焊盘推荐
Land Pattern Recommended (mm)

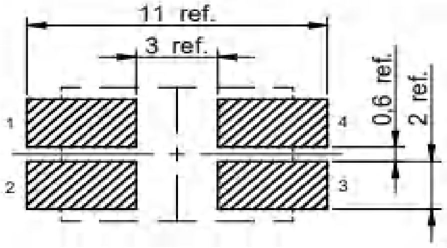
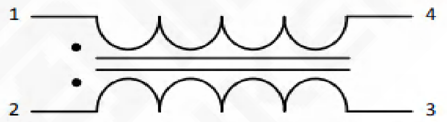


示意图
Schematics



电性特性
Electrical Properties

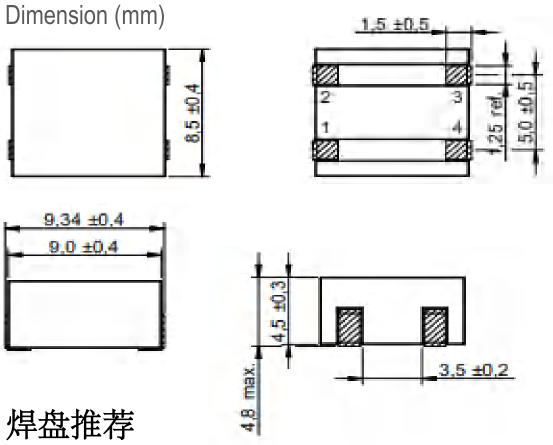
型号 Part No.	阻抗 Impedance Z (Ω) ±25%	温升电流 Rated Current IR 40°C typ. (A)	直流电阻 DCResistance DCRmax (mΩ)	卷盘数量 Taping Reel Qty. pcs
FBBA5685-520	@25 MHz 34.0 @100 MHz 52.0	38.00	3.00	2,400

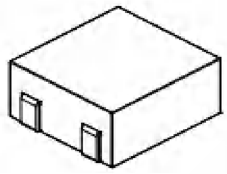
测试状态
Test Condition

☆ 速率电压: 80V(DC)
Rate Voltage: 80 V(DC)

☆ 工作温度: -40°C ~ +125°C
Operating Temperature: -55°C ~ +125°C

尺寸
Dimension (mm)





焊盘推荐
Land Pattern Recommended (mm)

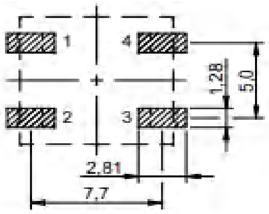


示意图
Schematics

电性特性
Electrical Properties

型号 Part No.	阻抗 Impedance Z (Ω) ±25%	温升电流 Rated Current IR 40°C typ. (A)	直流电阻 DCResistance DCRmax (mΩ)	卷盘数量 Taping Reel Qty. pcs
FBBA8593-830	@25 MHz 54.0 @100 MHz 83.0	41.00	3.00	2,400

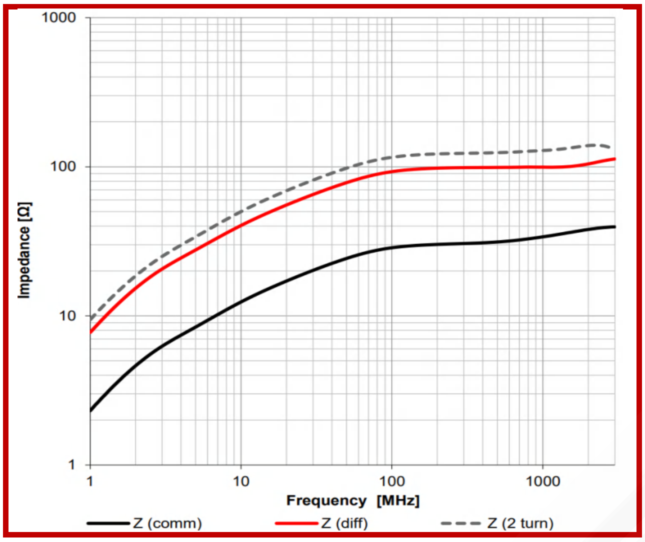
测试状态
Test Condition

☆ 速率电压: 80V(DC)
Rate Voltage: 80 V(DC)

☆ 工作温度: -40°C ~ +125°C
Operating Temperature: -55°C ~ +125°C

典型阻抗特性
Typical Impedance Characteristics

FBBA5645-200



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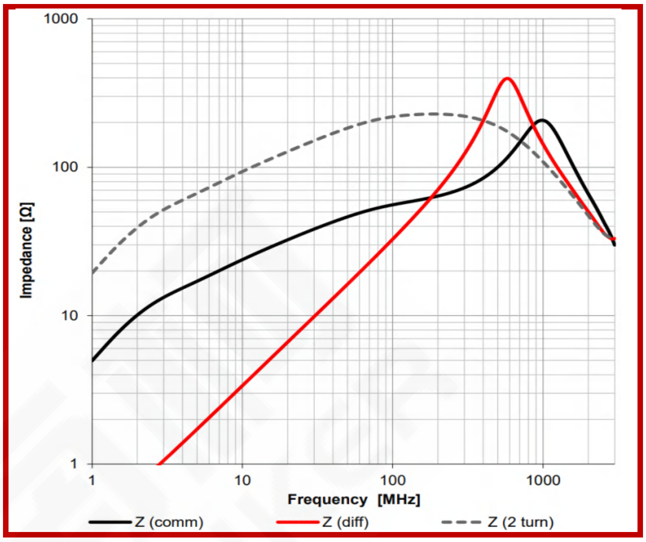
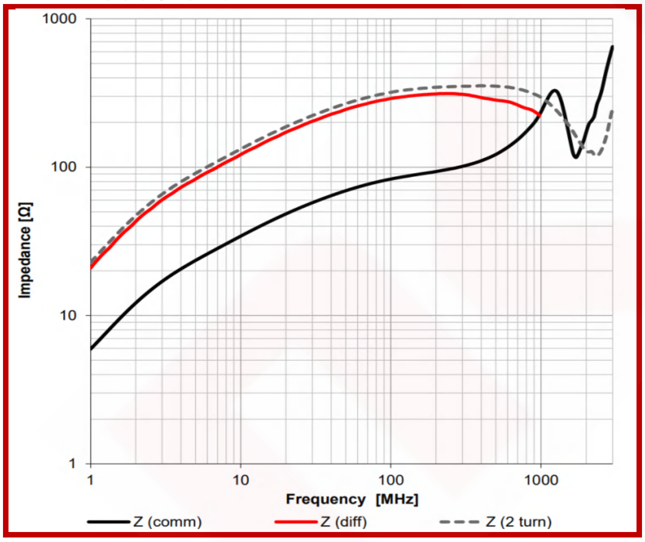
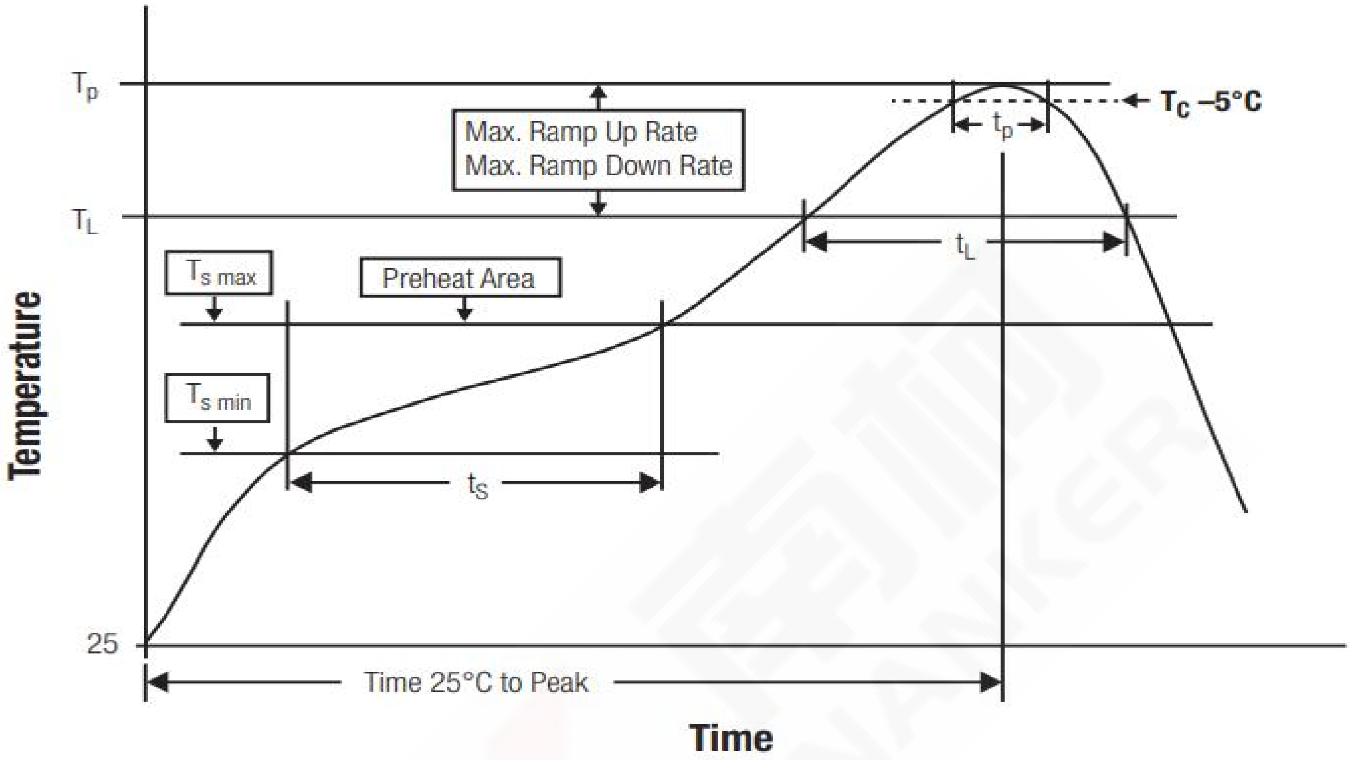


FBBA8593-540



回流焊曲线图

Classification Reflow Profile for SMT Components



封装体峰值温度(T$_p$)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.