

插件共模电感-NiZn

AC Common Mode NiZn



可定制不同感值&线径&更改成卧式

Custom make available for difference inductance, wire diameter and horizontal of the core

特性

Characteristics

磁芯材料：镍锌铁氧体

Core material: Nickel-Zinc Ferrite

中高频段高抑制率

High suppression rates of asymmetrical interferences at high and middle frequencies

对于射频及脉冲信号可以高稳定抑制

High interference stability against RF interference and burst signals

应用

Application

电力电子

Power electronics

电源线输入输出滤波器

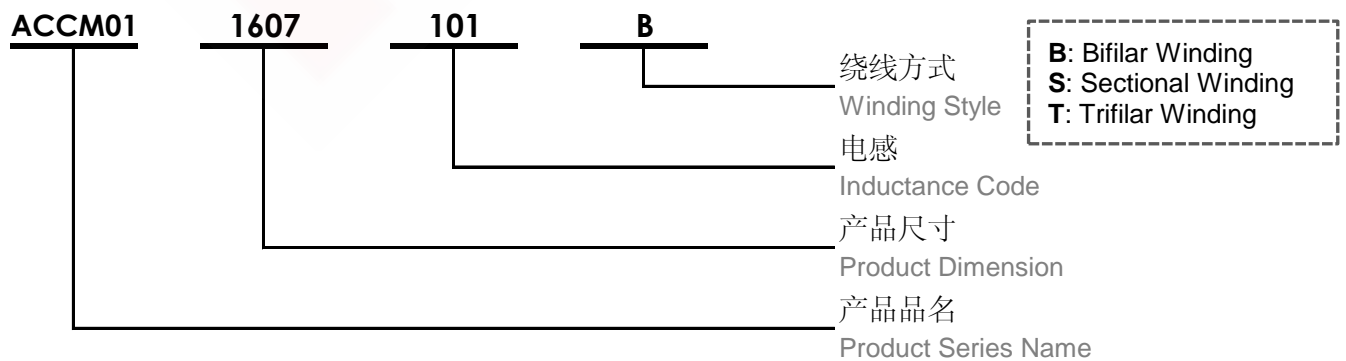
Power line in- and output filter

针对突发信号进行了优化

Optimized for burst signals

产品品名介绍

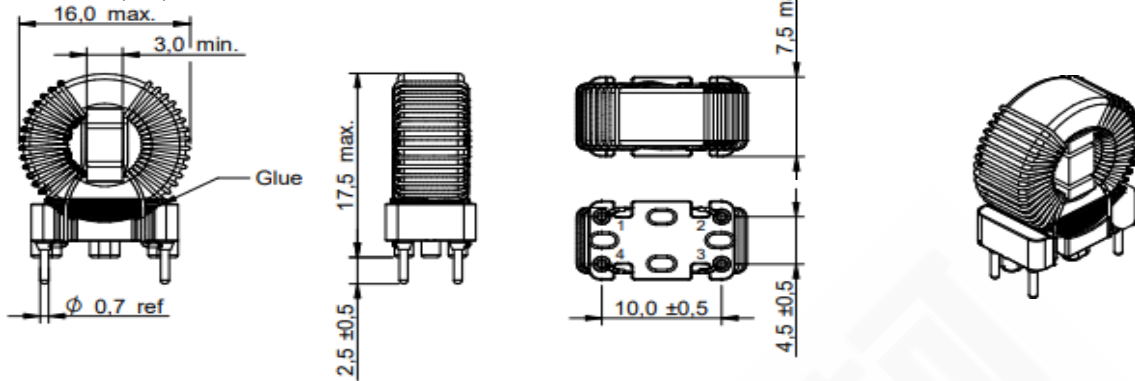
Product Number Structure





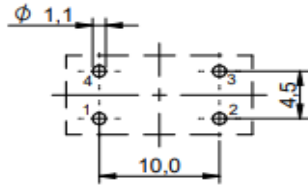
尺寸

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	温升电流 Rated Current I _R 70°C max(A)	直流电阻 DC Resistance DCR ±10% (mΩ)	绕线方式 Winding Style	包装数量 Packaging Qty pcs
ACCM01-1607-101B	100 ±30%	1.50	80.00	Sectional	300
ACCM01-1607-470B	47 ±30%	2.00	40.00	Sectional	300
ACCM01-1607-300B	30 ±30%	3.00	26.00	Sectional	300
ACCM01-1607-140B	14 ±30%	4.00	15.00	Sectional	300

测试状态

Test Condition

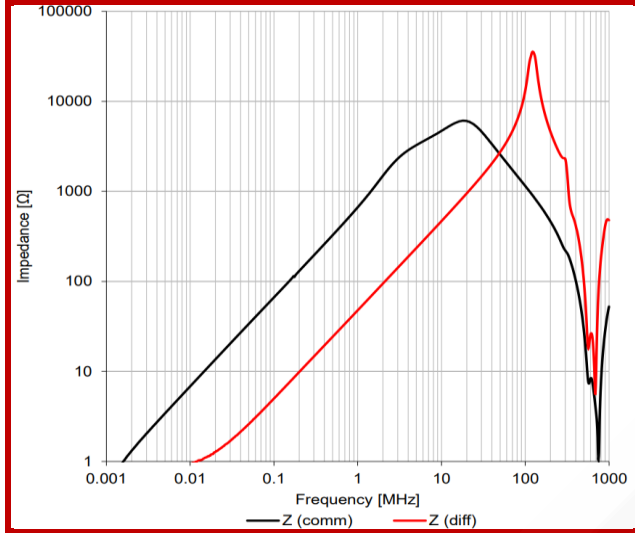
- ☆ 电感测试条件为 100kHz / 0.10mA (25°C)
Inductance measure condition at 100kHz / 0.10mA (25°C)
- ☆ 工作温度: -40°C ~ +125°C
Operating Temperature: -40°C ~ +125°C
- ☆ 额定电压 50Hz: 250V
Rated Voltage 50Hz: 250V



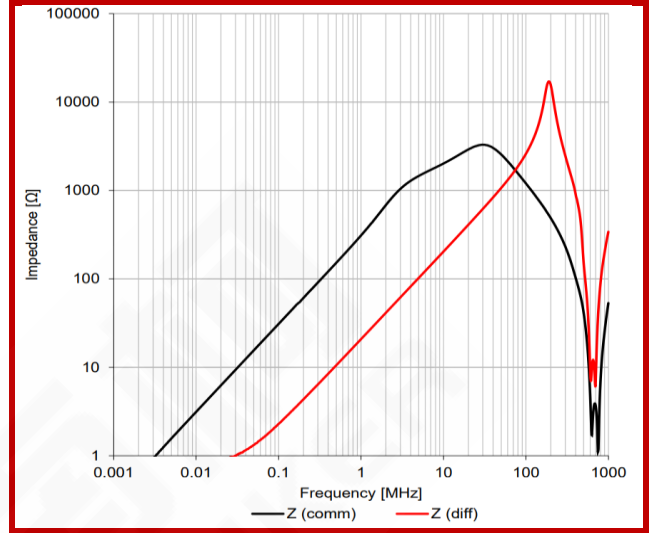
典型阻抗特性

Typical Impedance Characteristics

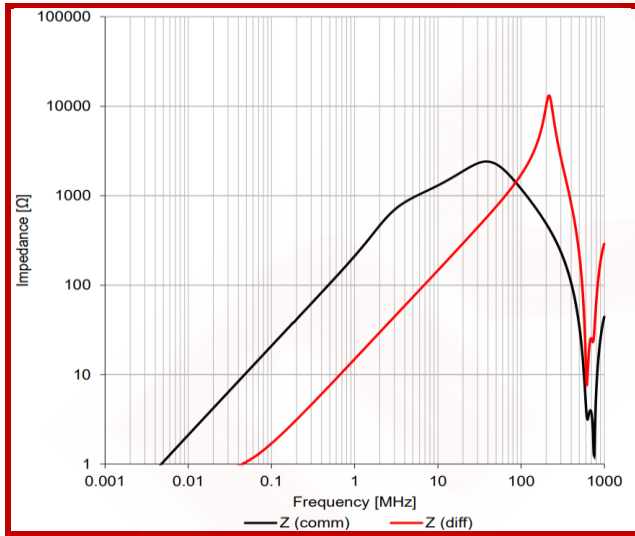
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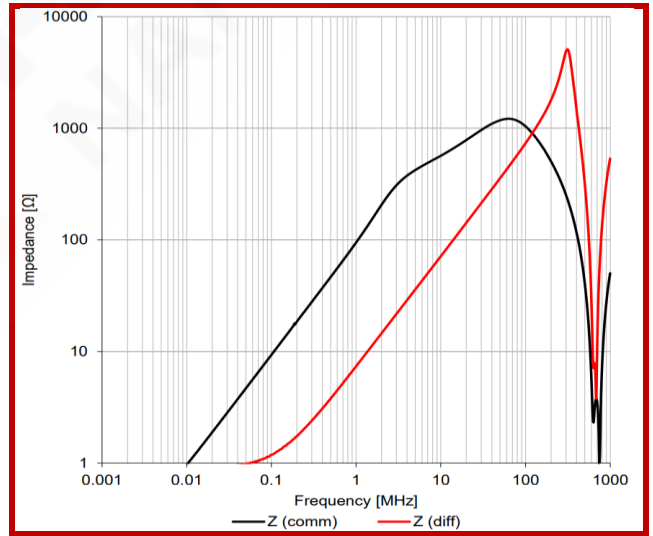
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ACCM01-1607-300B



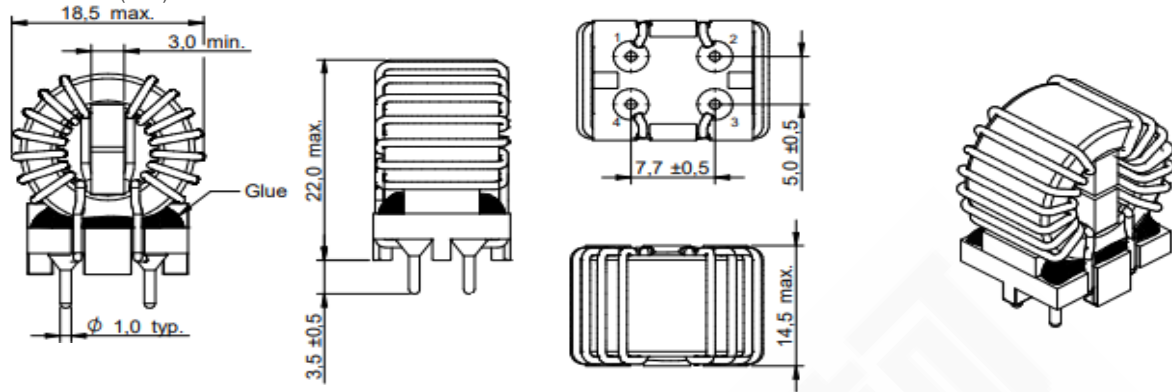
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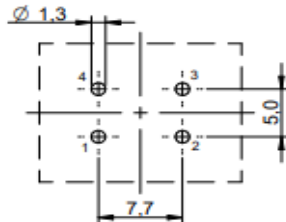
尺寸

Dimension (mm)



焊盘推荐

Land Pattern Recommended (mm)



示意图

Schematics



电性特性

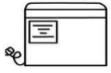
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ACCM01-1814-111B	110 ±30%	3.00	31.00	Sectional	40
ACCM01-1814-650B	65 ±30%	5.00	13.00	Sectional	40
ACCM01-1814-320B	32 ±30%	5.50	10.00	Sectional	40
ACCM01-1814-420B	42 ±30%	6.50	8.10	Sectional	40
ACCM01-1814-160B	16 ±30%	7.50	5.00	Sectional	40

测试状态

Test Condition

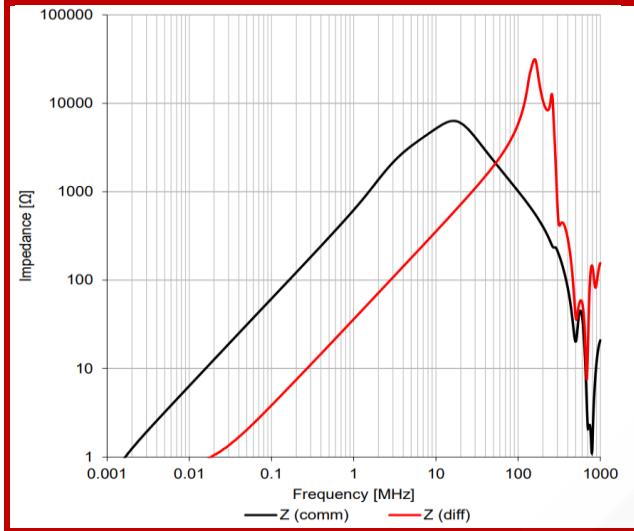
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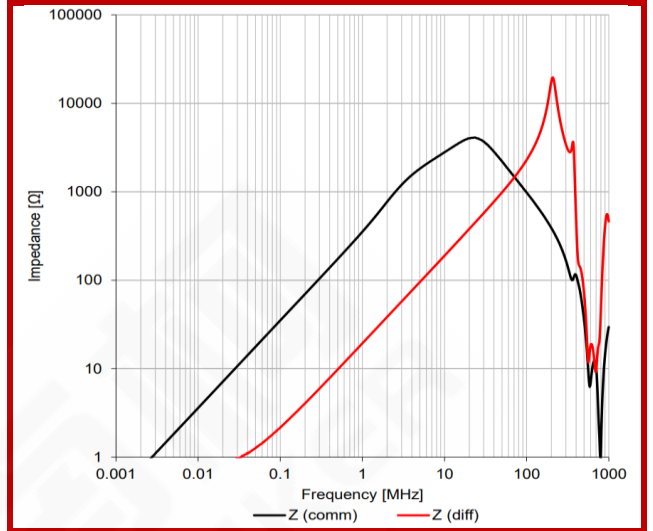
典型阻抗特性

Typical Impedance Characteristics

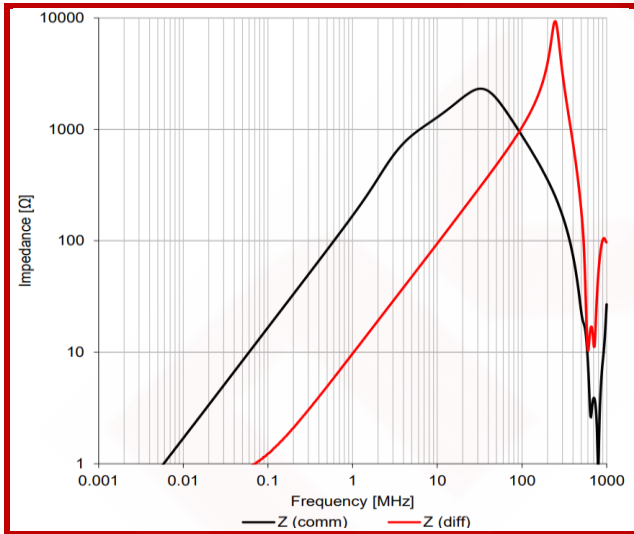
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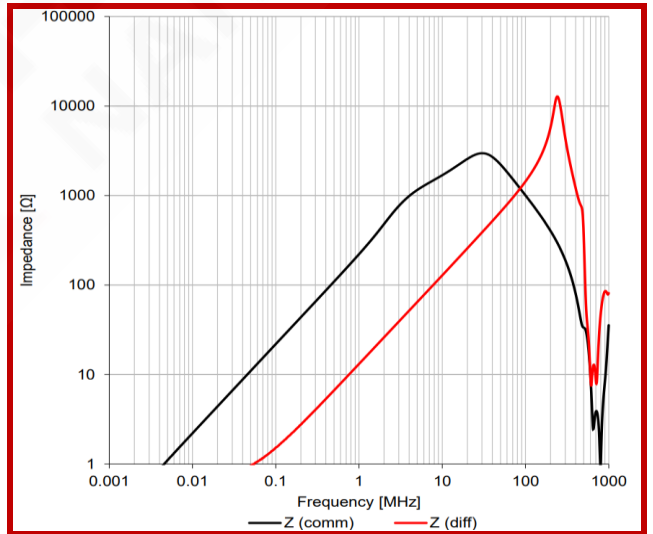
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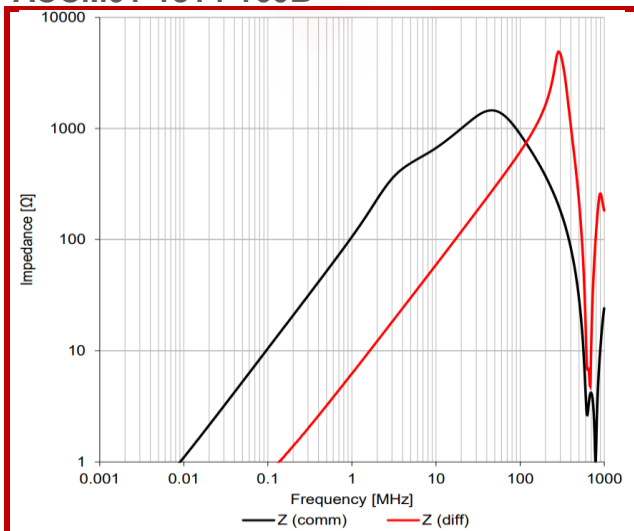
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ACCM01-1814-420B



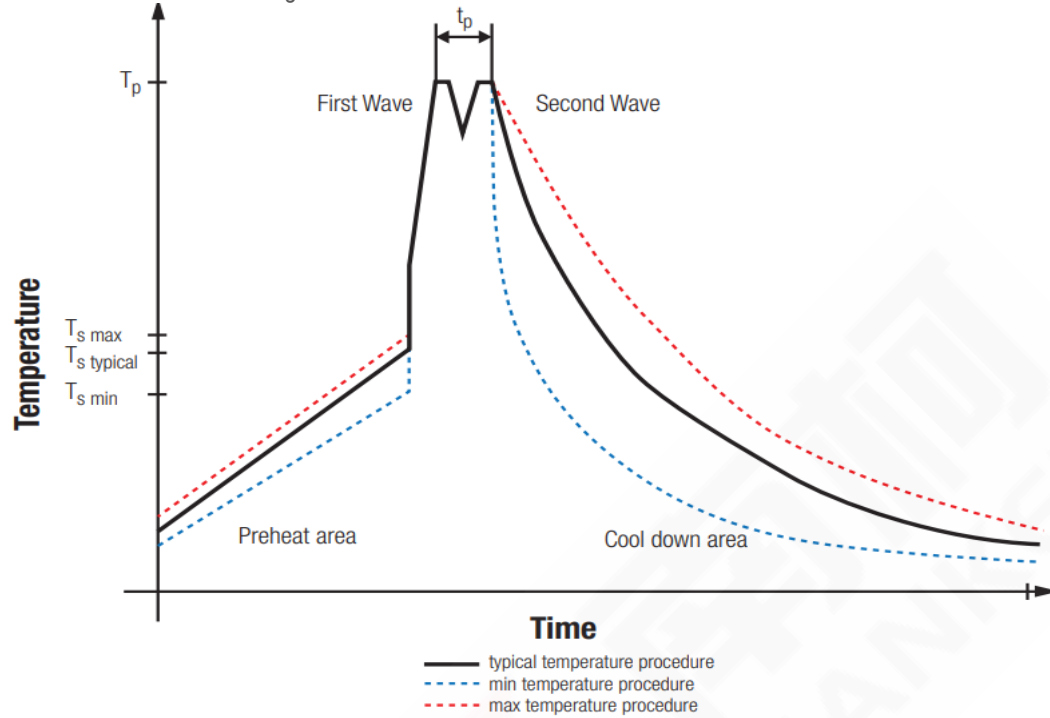
ACCM01-1814-160B





波峰焊线图

Classification Wave Soldering Profile



封装体峰值温度(T_p)分类

Classification Reflow Soldering Profile:

Profile Feature		Pb-Free Assembly	Sn-Pb Assembly
Preheat Temperature Min	$T_{s \text{ min}}$	100°C	100°C
Preheat Temperature Typical	$T_{s \text{ typical}}$	120°C	120°C
Preheat Temperature Max	$T_{s \text{ max}}$	130°C	130°C
Preheat Time t_s from $T_{s \text{ min}}$ to $T_{s \text{ max}}$	t_s	70 seconds	70 seconds
Ramp-up Rate	ΔT	150°C max	150°C max
Peak Temperature	T_p	250°C ~ 260°C	235°C ~ 260°C
Time of actual peak temperature	t_p	max. 10 seconds max. 5 seconds each wave	max. 10 seconds max. 5 seconds each wave
Ramp-down Rate, Min		~ 2K/seconds	~ 2K/seconds
Ramp-down Rate, Typical		~3.5K/seconds	~3.5K/seconds
Ramp-down Rate, Max		5K/seconds	5K/seconds
Time 25°C to 25°C		4 minutes	4 minutes

* 波峰焊参照标准EN61760-1:2006。

Wave Soldering is refer to standard EN61760-1:2006