

插件共模电感-MnZn

AC Common Mode MnZn



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

小尺寸的最大可能额定电流

Highest possible rated current by small size

基于低电容绕组技术的宽带滤波

Broadband filtering due to low capacitance winding technique

在低频范围内也能有效抑制不对称干扰

High suppression of asymmetrical interferences also at low frequency range

应用

Application

无任何接地连接的设备过滤

Filtering of devices without any ground connection

电源线输入输出滤波器

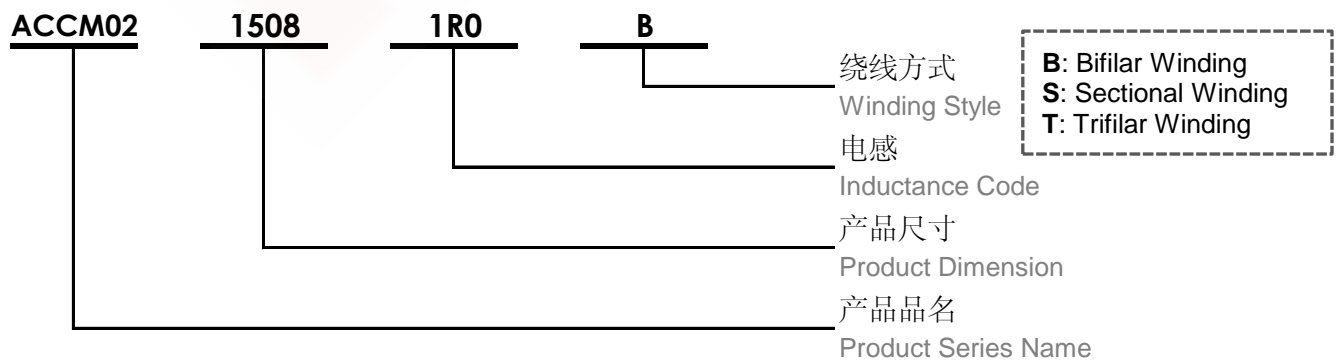
Power line in- and output filter

电动机中无线电干扰的抑制

Suppression of radio interferences in motors

产品品名介绍

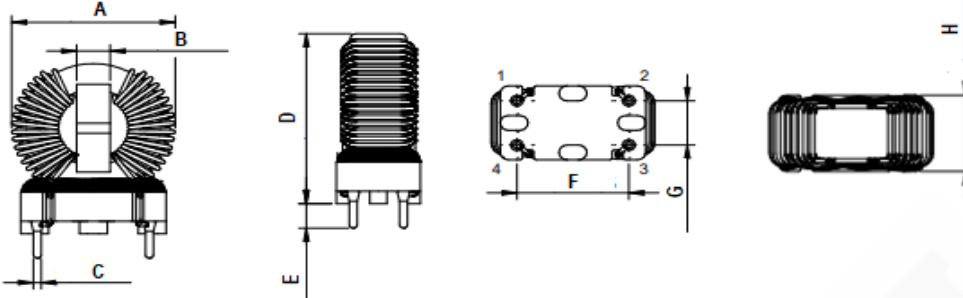
Product Number Structure





尺寸

Dimension (mm)

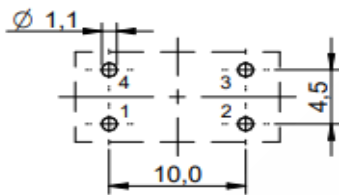


型号 Part No.	尺寸 (Dimension) mm							
	A	B	C	D	E	F	G	H
ACCM02-1508-393B	15.80max	3.00min	Ø0.70ref	18.00max	2.50±0.50	10.00±0.50	4.50±0.50	8.00max
ACCM02-1508-103B	15.50max	3.00min	Ø0.70ref	18.00max	2.50±0.50	10.00±0.50	4.50±0.50	8.00max
ACCM02-1508-203B	15.00max	3.00min	Ø0.70ref	18.00max	2.50±0.50	10.00±0.50	4.50±0.50	8.00max
ACCM02-1508-502B	15.00max	3.00min	Ø0.70ref	18.00max	2.50±0.50	10.00±0.50	4.50±0.50	8.00max
ACCM02-1508-102B	15.00max	3.00min	Ø0.70ref	18.00max	2.50±0.50	10.00±0.50	4.50±0.50	8.00max
ACCM02-1508-402B	15.80max	3.00min	Ø0.70ref	18.00max	2.50±0.50	10.00±0.50	4.50±0.50	8.00max



焊盘推荐

Land Pattern Recommended (mm)



示意图

Schematics



电性特性

Electrical Properties

型号 Part No.	电感值 Inductance L (mH)	温升电流 Rated Current I _R 70°C max (A)	直流电阻 DC Resistance DCR _{max} (mΩ)	额定电压 Rated Voltage VR (V _{AC})	绝缘试验电压 Insulation Test Voltage VT (V _{AC}) 50Hz/5mA/2sec
ACCM02-1508-393B	39.00 ±30%	0.30	3,000	250	1,500
ACCM02-1508-103B	10.00 ±30%	0.70	350	250	1,500
ACCM02-1508-203B	20.00 ±30%	0.50	1,000	250	1,500
ACCM02-1508-502B	5.00 ±30%	1.00	220	250	1,500
ACCM02-1508-102B	1.00 ±30%	2.00	45	250	1,500
ACCM02-1508-402B	4.00 ±30%	1.50	140	250	1,500

测试状态

Test Condition

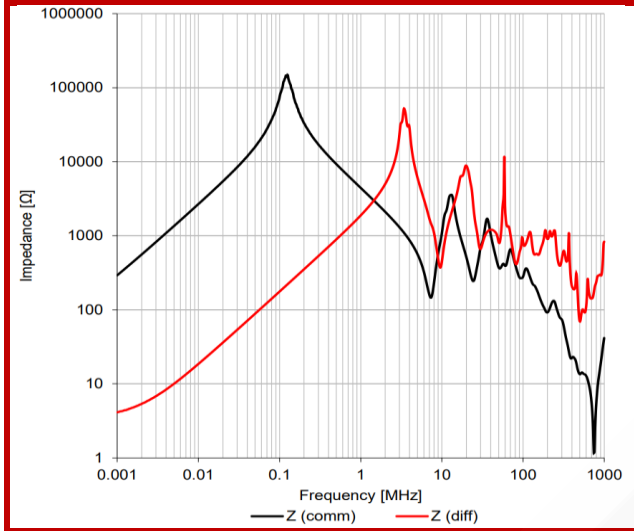
- ☆ 电感测试条件为 10kHz / 0.10mA (25°C)
Inductance measure condition at 10kHz / 0.10mA (25°C)
- ☆ 工作温度: -40°C ~ +125°C
Operating Temperature: -40°C ~ +125°C



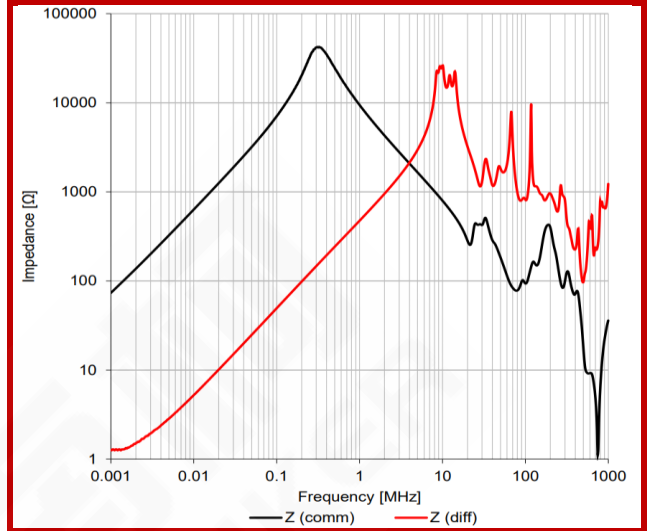
典型阻抗特性

Typical Impedance Characteristics

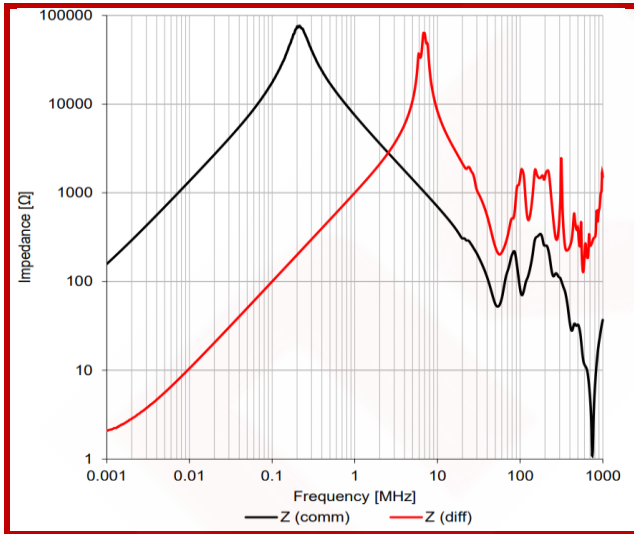
ACCM02-1508-393B



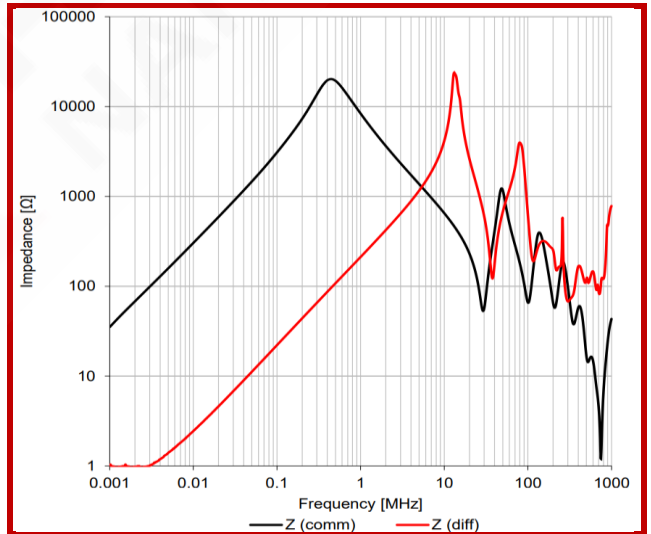
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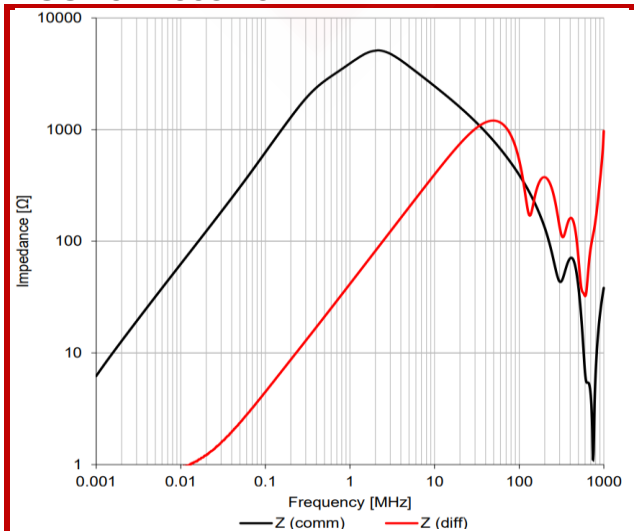
ACCM02-1508-203B



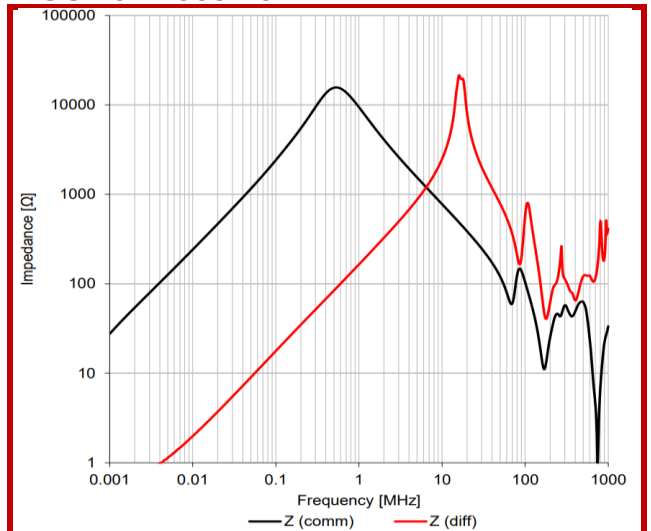
ACCM02-1508-502B



ACCM02-1508-102B



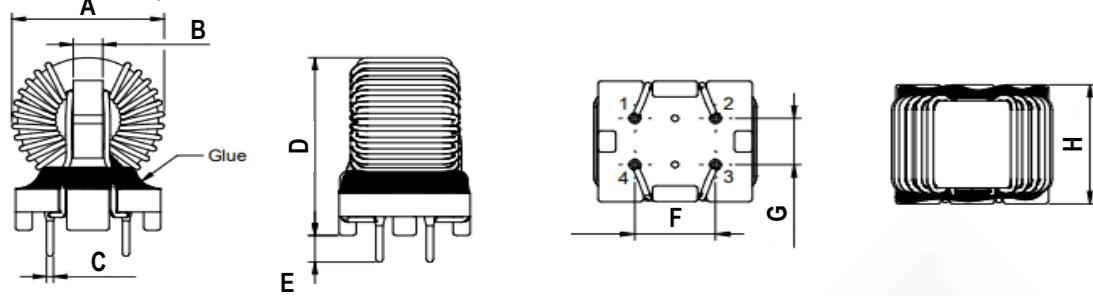
ACCM02-1508-402B





尺寸

Dimension (mm)

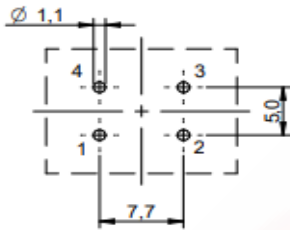


型号 Part No.	尺寸 (Dimension) mm							
	A	B	C	D	E	F	G	H
ACCM02-1713-103B	17.50max	3.00min	Ø0.70ref	22.00max	3.00±0.50	7.70±0.50	5.00±0.50	13.00max
ACCM02-1713-203B	17.50max	3.00min	Ø0.70ref	22.00max	3.00±0.50	7.70±0.50	5.00±0.50	13.00max
ACCM02-1713-202B	17.50max	3.00min	Ø0.70ref	22.00max	3.00±0.50	7.70±0.50	5.00±0.50	13.00max
ACCM02-1713-302B	17.50max	3.00min	Ø0.70ref	22.00max	3.00±0.50	7.70±0.50	5.00±0.50	13.00max
ACCM02-1713-102B	17.50max	3.00min	Ø0.70ref	22.00max	3.00±0.50	7.70±0.50	5.00±0.50	13.00max



焊盘推荐

Land Pattern Recommended (mm)



示意图

Schematics



电性特性

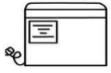
Electrical Properties

型号 Part No.	电感值 Inductance L (mH)	温升电流 Rated Current I _R 70°C max (A)	直流电阻 DC Resistance DCR _{max} (mΩ)	额定电压 Rated Voltage V _R (V _{AC})	绝缘试验电压 Insulation Test Voltage V _T (V _{AC}) 50Hz/5mA/2sec
ACCM02-1713-103B	10.00 ±30%	1.00	360	250	1,500
ACCM02-1713-203B	20.00 ±30%	0.50	540	250	1,500
ACCM02-1713-202B	2.20 ±30%	2.00	70	250	1,500
ACCM02-1713-302B	3.30 ±30%	1.50	120	250	1,500
ACCM02-1713-102B	1.00 ±30%	3.00	35	250	1,500

测试状态

Test Condition

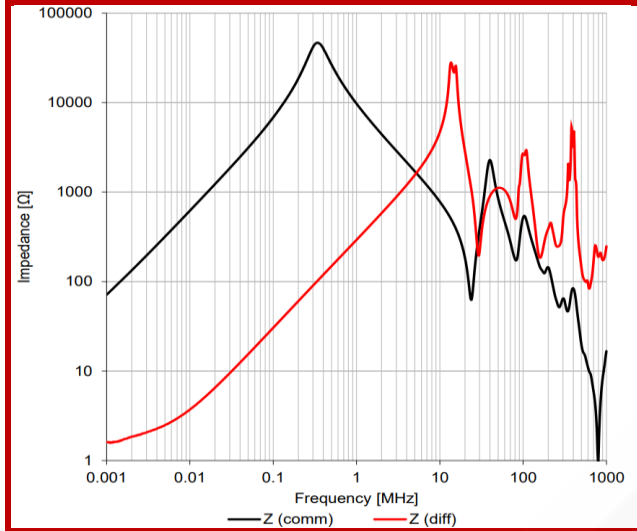
- ☆ 电感测试条件为 10kHz / 0.10mA (25°C)
Inductance measure condition at 10kHz / 0.10mA (25°C)
- ☆ 工作温度: -40°C ~ +125°C
Operating Temperature: -40°C ~ +125°C



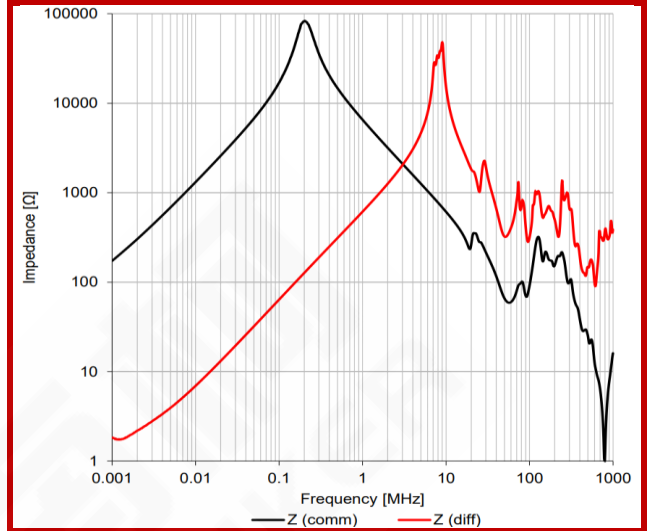
典型阻抗特性

Typical Impedance Characteristics

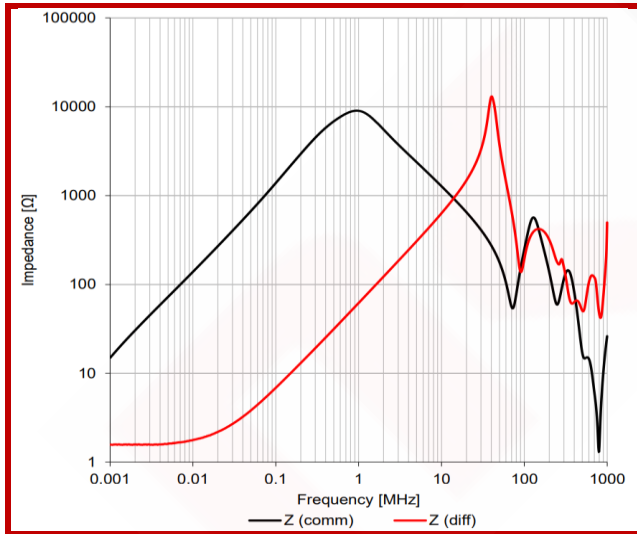
ACCM02-1713-103B



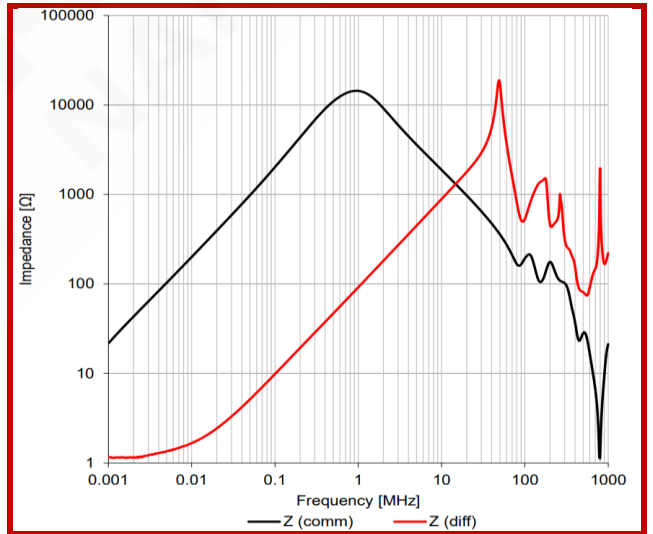
ACCM02-1713-203B



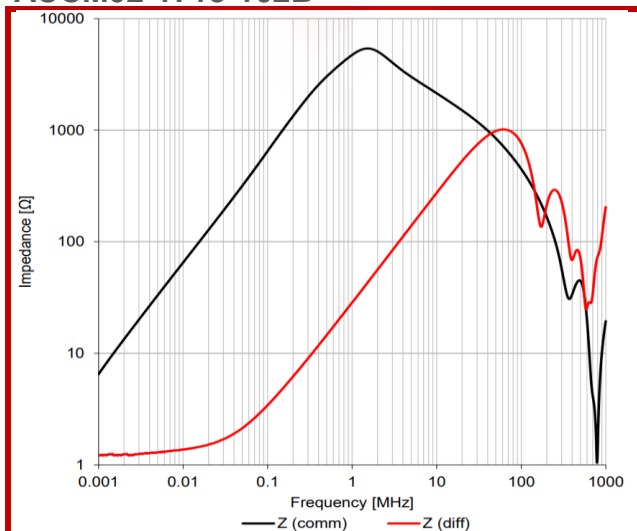
ACCM02-1713-202B



ACCM02-1713-302B



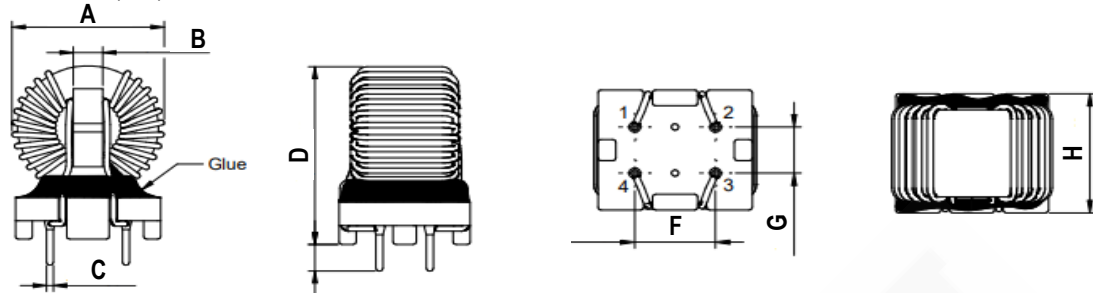
ACCM02-1713-102B





尺寸

Dimension (mm)

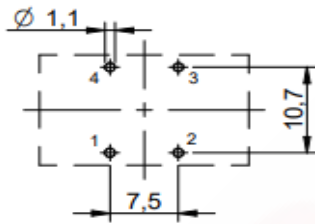


型号 Part No.	尺寸 (Dimension) mm							
	A	B	C	D	E	F	G	H
ACCM02-2313-103B	23.00max	3.00min	Ø0.70ref	25.50max	3.00±0.50	7.50±0.50	10.70±0.50	13.80max
ACCM02-2313-203B	23.00max	3.00min	Ø0.70ref	25.50max	3.00±0.50	7.50±0.50	10.70±0.50	13.80max
ACCM02-2313-502B	23.00max	3.00min	Ø0.70ref	25.50max	3.00±0.50	7.50±0.50	10.70±0.50	13.80max
ACCM02-2313-302B	23.50max	3.00min	Ø0.70ref	25.50max	3.00±0.50	7.50±0.50	10.70±0.50	13.80max
ACCM02-2313-202B	23.50max	3.00min	Ø0.70ref	25.50max	3.00±0.50	7.50±0.50	10.70±0.50	13.80max
ACCM02-2313-102B	25.00max	3.00min	Ø0.70ref	26.50max	3.00±0.50	7.50±0.50	10.70±0.50	17.00max



焊盘推荐

Land Pattern Recommended (mm)



示意图

Schematics



电性特性

Electrical Properties

型号 Part No.	电感值 Inductance L (mH)	温升电流 Rated Current I _r 70°C max (A)	直流电阻 DC Resistance DCR _{max} (mΩ)	额定电压 Rated Voltage V _R (V _{AC})	绝缘试验电压 Insulation Test Voltage V _T (V _{AC}) 50Hz/5mA/2sec
ACCM02-2313-103B	10.00 ±30%	2.00	125	250	1,500
ACCM02-2313-203B	20.00 ±30%	1.50	270	250	1,500
ACCM02-2313-502B	5.00 ±30%	2.50	95	250	1,500
ACCM02-2313-302B	3.30 ±30%	2.50	60	250	1,500
ACCM02-2313-202B	2.20 ±30%	4.00	30	250	1,500
ACCM02-2313-102B	1.00 ±30%	6.00	13	250	1,500

测试状态

Test Condition

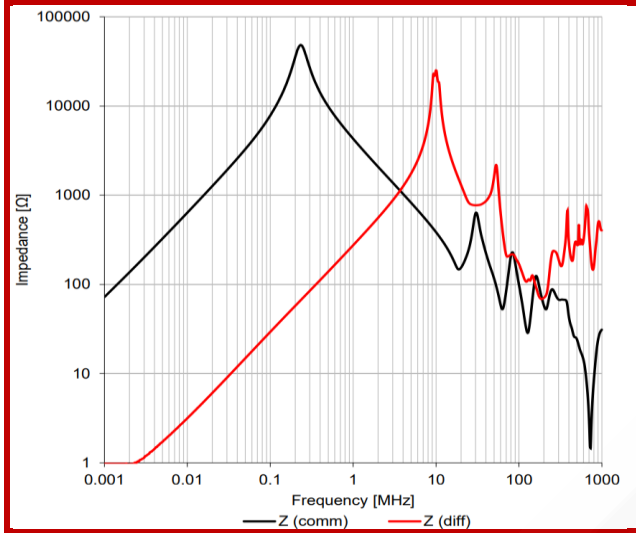
- ☆ 电感测试条件为 10kHz / 0.10mA (25°C)
Inductance measure condition at 10kHz / 0.10mA (25°C)
- ☆ 工作温度: -40°C ~ +125°C
Operating Temperature: -40°C ~ +125°C



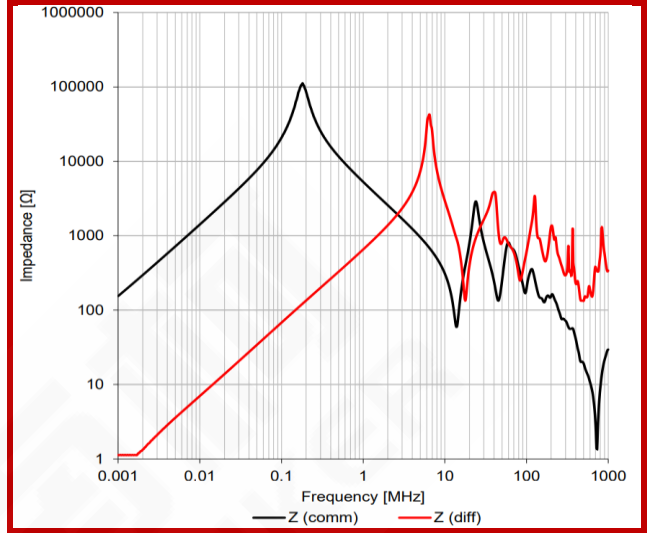
典型阻抗特性

Typical Impedance Characteristics

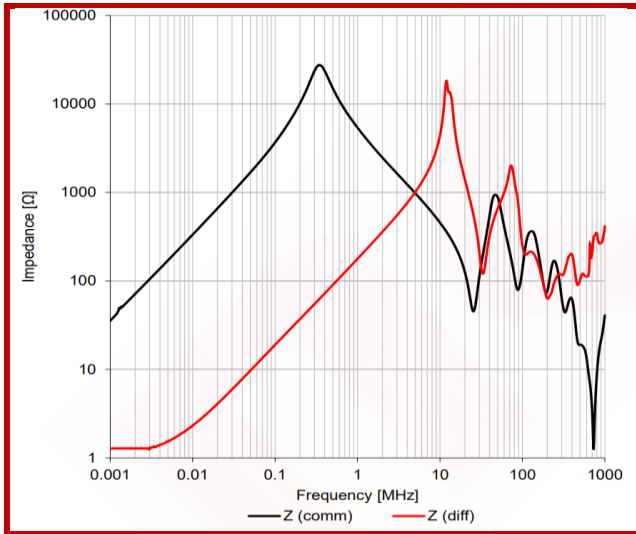
ACCM02-2313-103B



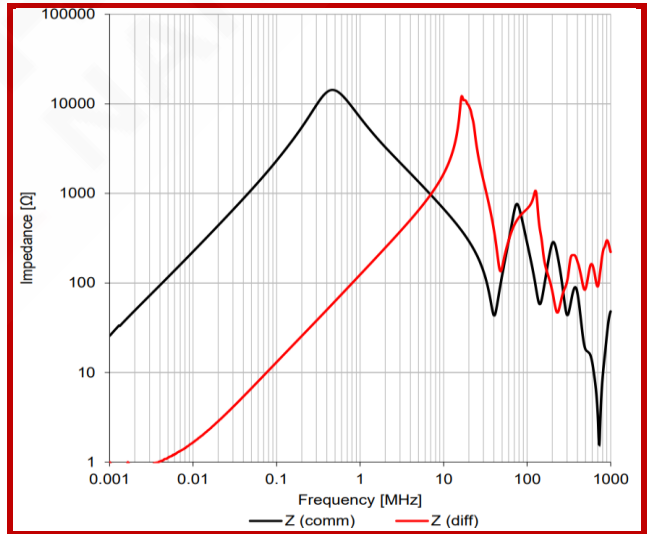
ACCM02-2313-203B



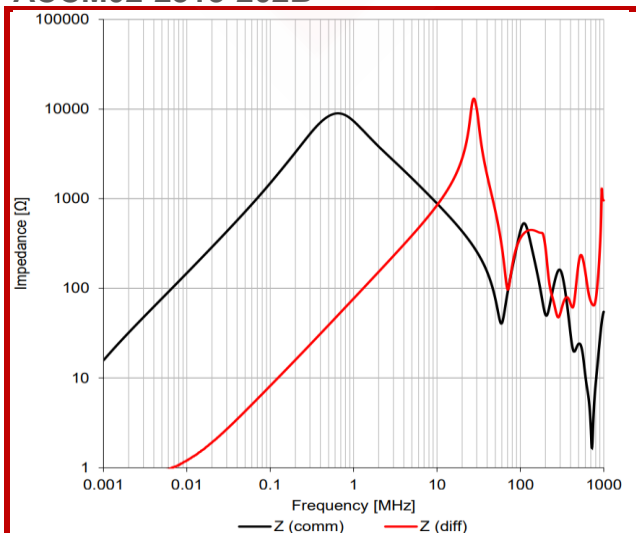
ACCM02-2313-502B



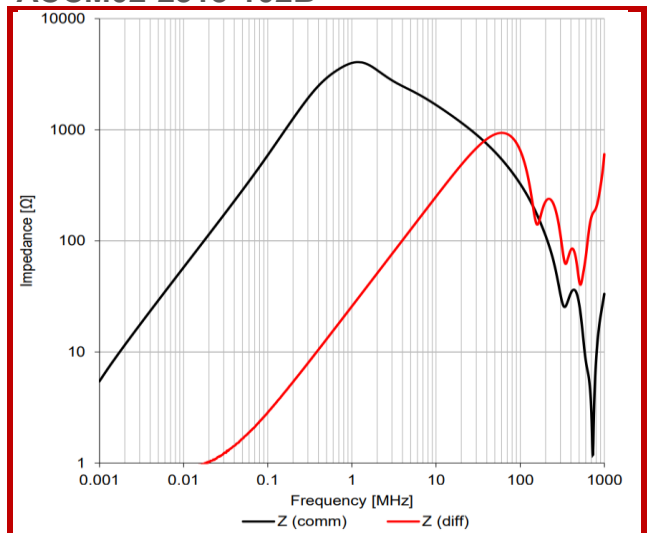
ACCM02-2313-302B



ACCM02-2313-202B



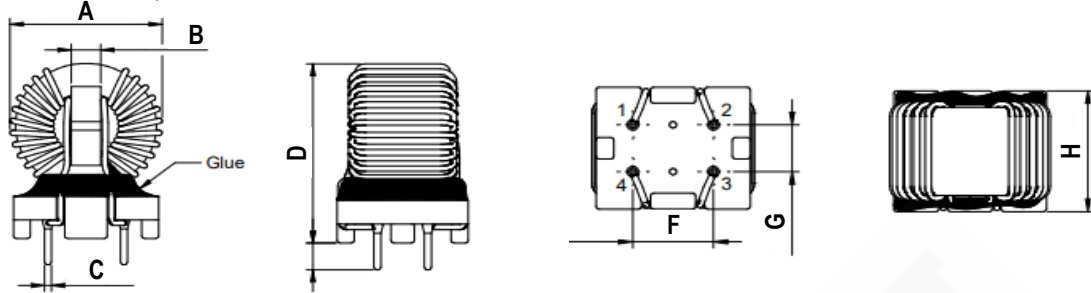
ACCM02-2313-102B





尺寸

Dimension (mm)

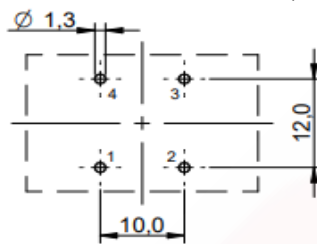


型号 Part No.	尺寸 (Dimension) mm							
	A	B	C	D	E	F	G	H
ACCM02-2718-203B	27.50max	3.00min	Ø1.00ref	33.00max	5.00±0.50	10.00±0.50	12.00±0.50	18.50max
ACCM02-2718-103B	27.50max	3.00min	Ø1.00ref	33.00max	5.00±0.50	10.00±0.50	12.00±0.50	18.50max
ACCM02-2718-502B	27.50max	3.00min	Ø1.00ref	33.00max	5.00±0.50	10.00±0.50	12.00±0.50	18.50max
ACCM02-2718-702B	27.50max	3.00min	Ø1.00ref	33.00max	5.00±0.50	10.00±0.50	12.00±0.50	18.50max
ACCM02-2718-332B	27.50max	3.00min	Ø1.00ref	33.00max	5.00±0.50	10.00±0.50	12.00±0.50	18.50max
ACCM02-2718-222B	27.50max	3.00min	Ø1.00ref	33.00max	5.00±0.50	10.00±0.50	12.00±0.50	18.50max
ACCM02-2718-102B	27.50max	3.00min	Ø1.00ref	33.00max	5.00±0.50	10.00±0.50	12.00±0.50	18.50max



焊盘推荐

Land Pattern Recommended (mm)



示意图

Schematics



电性特性

Electrical Properties

型号 Part No.	电感值 Inductance L (mH)	温升电流 Rated Current I _r 70°C max (A)	直流电阻 DC Resistance DCR _{max} (mΩ)	额定电压 Rated Voltage V _R (V _{AC})	绝缘试验电压 Insulation Test Voltage V _T (V _{AC}) 50Hz/5mA/2sec
ACCM02-2718-203B	20.00 ±30%	2.00	220	250	1,500
ACCM02-2718-103B	10.00 ±30%	3.00	105	250	1,500
ACCM02-2718-502B	5.00 ±30%	4.00	50	250	1,500
ACCM02-2718-702B	7.00 ±30%	3.50	80	250	1,500
ACCM02-2718-332B	3.30 ±30%	4.00	35	250	1,500
ACCM02-2718-222B	2.20 ±30%	6.00	20	250	1,500
ACCM02-2718-102B	1.00 ±30%	7.50	10	250	1,500

测试状态

Test Condition

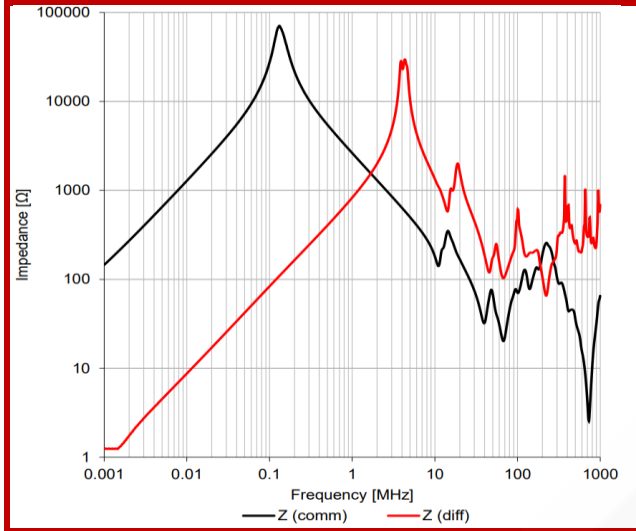
- ☆ 电感测试条件为 10kHz / 0.10mA (25°C)
Inductance measure condition at 10kHz / 0.10mA (25°C)
- ☆ 工作温度: -40°C ~ +125°C
Operating Temperature: -40°C ~ +125°C



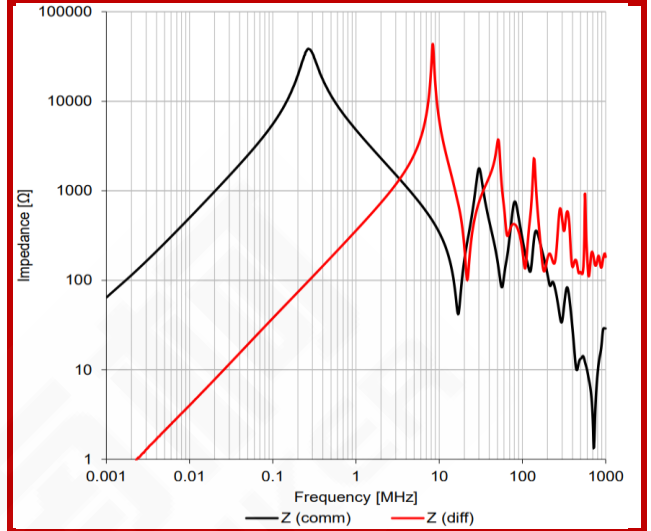
典型阻抗特性

Typical Impedance Characteristics

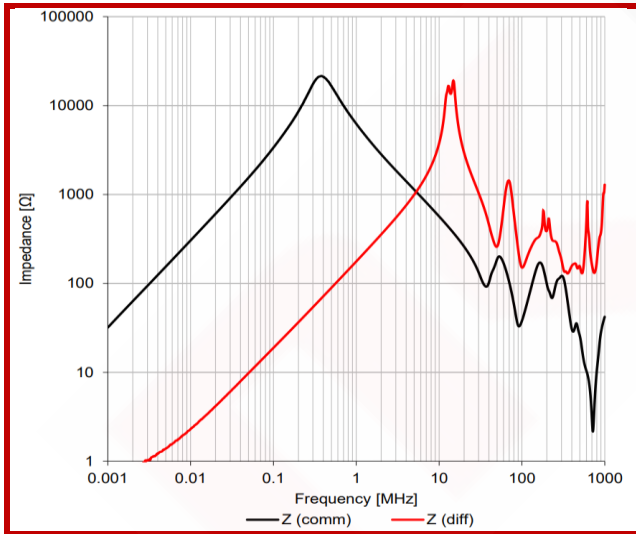
ACCM02-2718-203B



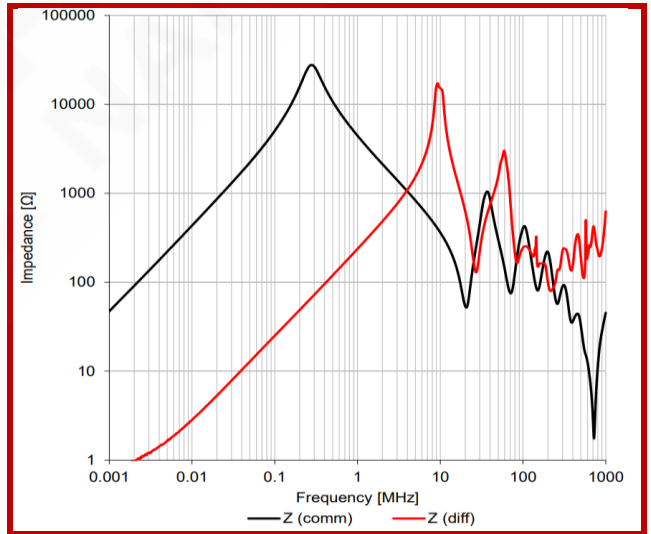
ACCM02-2718-103B



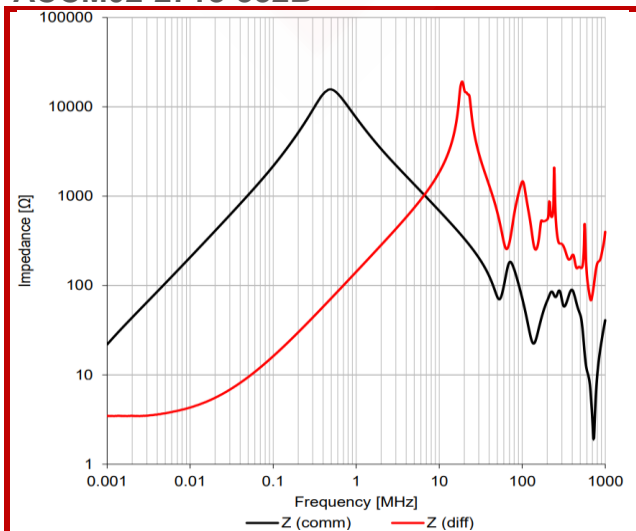
ACCM02-2718-502B



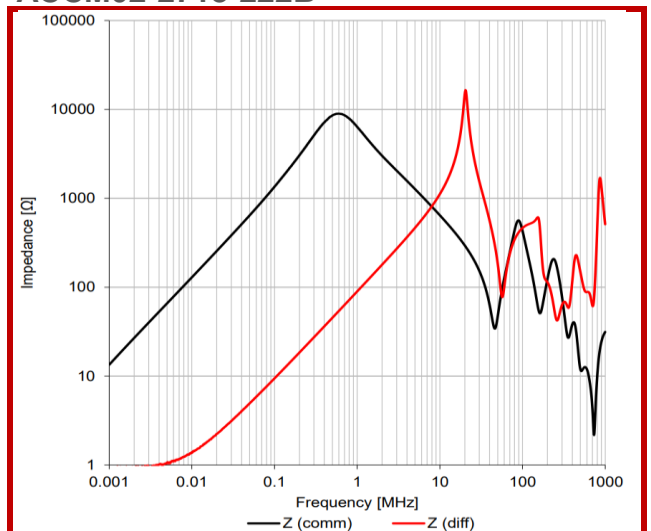
ACCM02-2718-702B



ACCM02-2718-332B



ACCM02-2718-222B

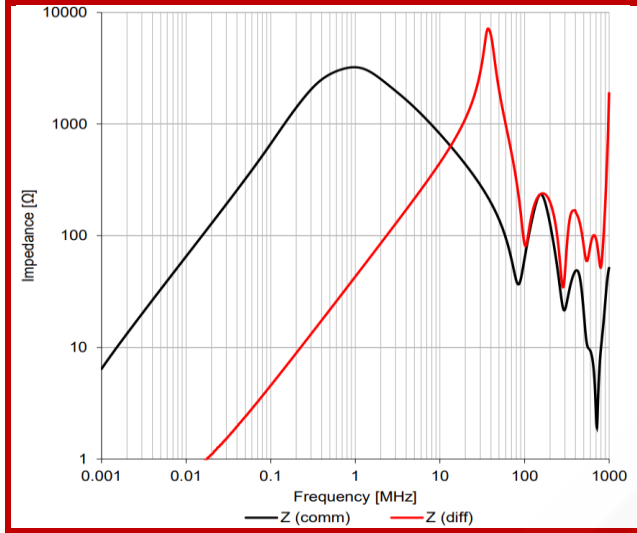




典型阻抗特性

Typical Impedance Characteristics

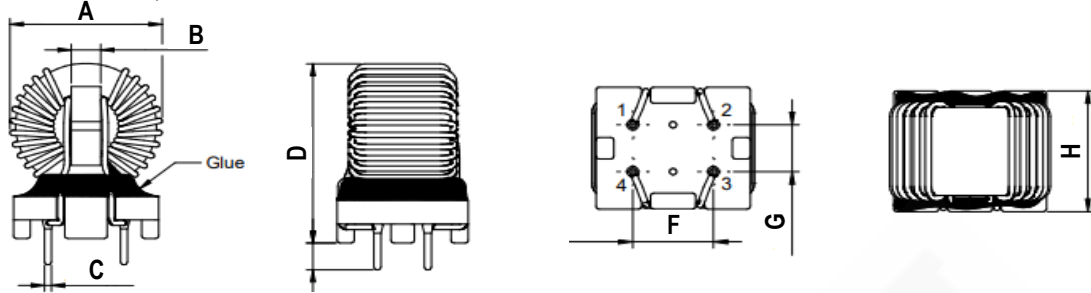
ACCM02-2718-102B





尺寸

Dimension (mm)

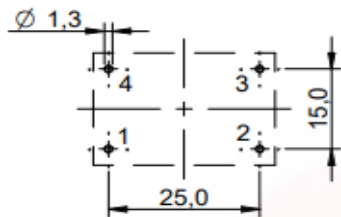


型号 Part No.	尺寸 (Dimension) mm							
	A	B	C	D	E	F	G	H
ACCM02-3122-102B	31.00max	3.00min	Ø1.00ref	35.00max	5.00±0.50	25.00±0.50	15.00±0.50	22.00max
ACCM02-3021-203B	30.00±0.50	3.00min	Ø1.00ref	35.00max	5.00±0.50	25.00±0.50	15.00±0.50	21.00max
ACCM02-3021-103B	30.00±0.50	3.00min	Ø1.00ref	35.00max	5.00±0.50	25.00±0.50	15.00±0.50	21.00max
ACCM02-3021-333B	30.00±0.50	3.00min	Ø1.00ref	35.00max	5.00±0.50	25.00±0.50	15.00±0.50	21.00max
ACCM02-3021-332B	30.00±0.50	3.00min	Ø1.00ref	35.00max	5.00±0.50	25.00±0.50	15.00±0.50	21.00max
ACCM02-3021-502B	30.00±0.50	3.00min	Ø1.00ref	35.00max	5.00±0.50	25.00±0.50	15.00±0.50	21.00max
ACCM02-3021-202B	30.00±0.50	3.00min	Ø1.00ref	35.00max	5.00±0.50	25.00±0.50	15.00±0.50	21.00max



焊盘推荐

Land Pattern Recommended (mm)



示意图

Schematics



电性特性

Electrical Properties

型号 Part No.	电感值 Inductance L (mH)	温升电流 Rated Current I _r 70°C max (A)	直流电阻 DC Resistance DCR _{max} (mΩ)	额定电压 Rated Voltage V _R (V _{AC})	绝缘试验电压 Insulation Test Voltage V _T (V _{AC}) 50Hz/5mA/2sec
ACCM02-3122-102B	1.00 ±30%	12.00	9	250	1,500
ACCM02-3021-203B	20.00 ±30%	3.00	160	250	1,500
ACCM02-3021-103B	10.00 ±30%	4.50	70	250	1,500
ACCM02-3021-333B	33.00 ±30%	3.00	210	250	1,500
ACCM02-3021-332B	3.30 ±30%	6.00	25	250	1,500
ACCM02-3021-502B	5.00 ±30%	6.00	45	250	1,500
ACCM02-3021-202B	2.20 ±30%	8.00	14	250	1,500

测试状态

Test Condition

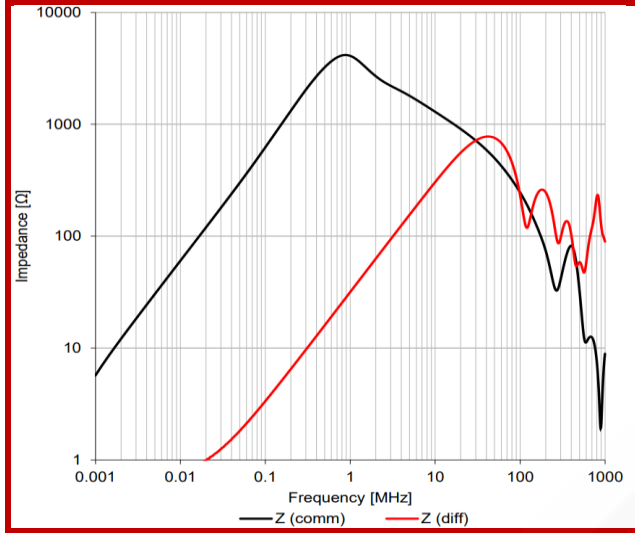
- ☆ 电感测试条件为 10kHz / 0.10mA (25°C)
Inductance measure condition at 10kHz / 0.10mA (25°C)
- ☆ 工作温度: -40°C ~ +125°C
Operating Temperature: -40°C ~ +125°C



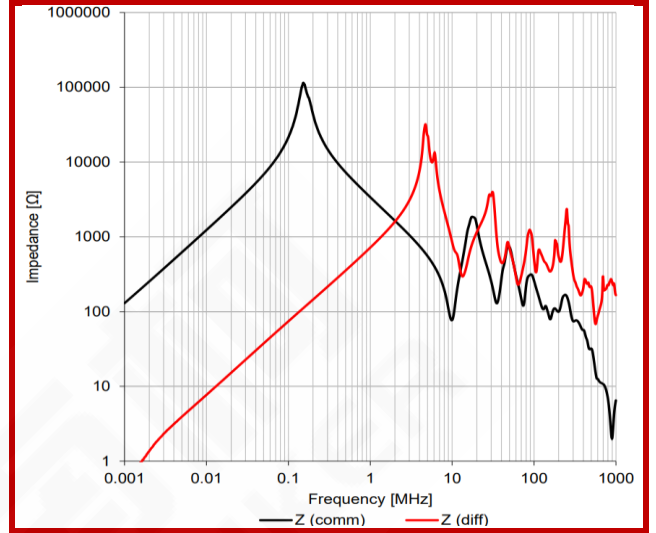
典型阻抗特性

Typical Impedance Characteristics

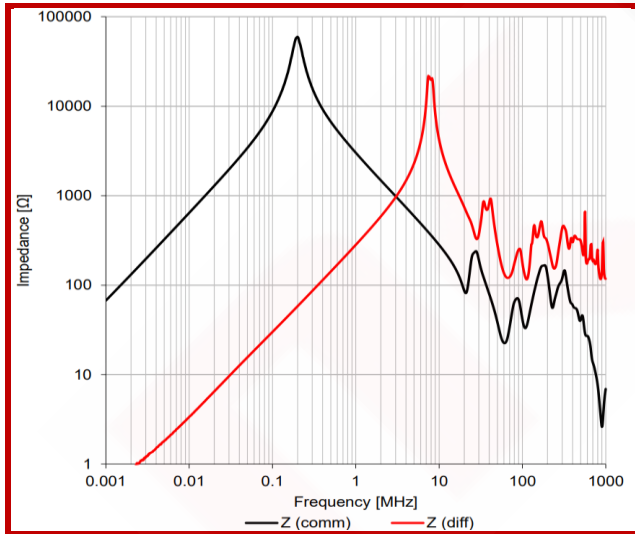
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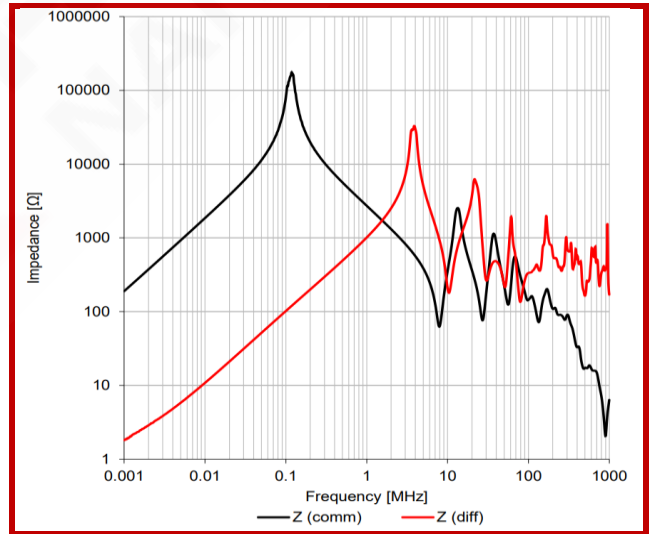
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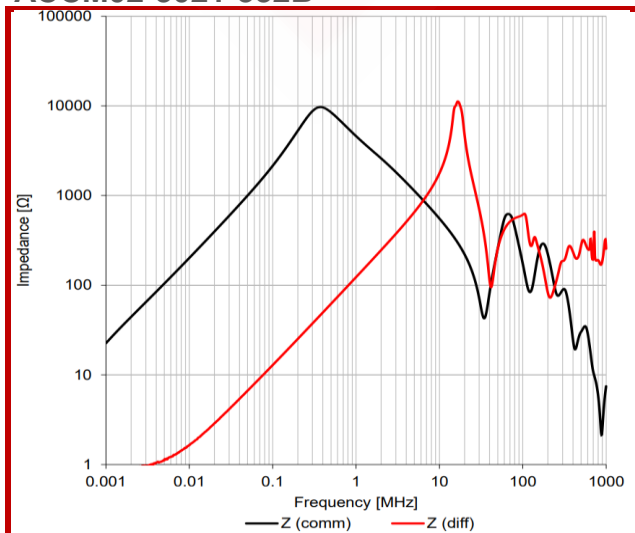
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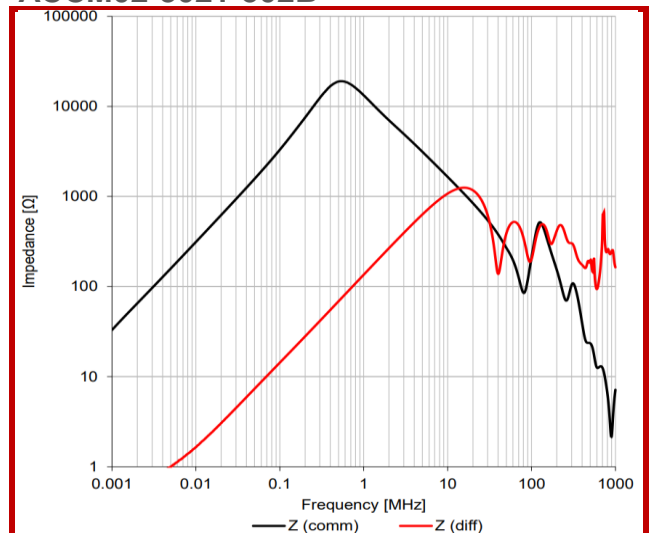
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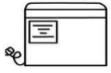


ACCM02-3021-332B



ACCM02-3021-502B

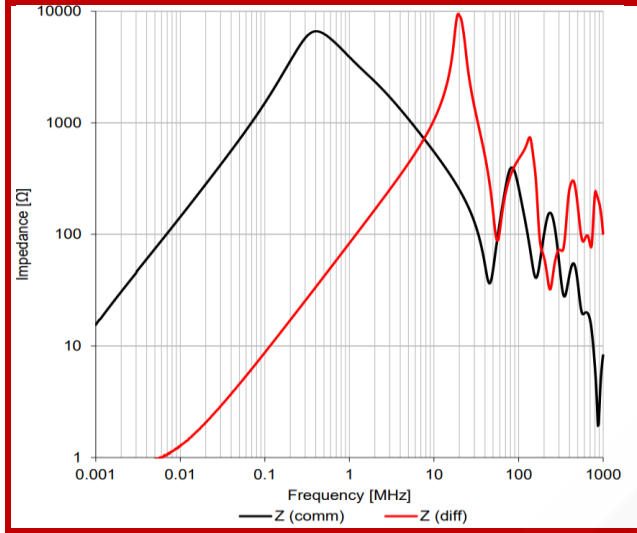




典型阻抗特性

Typical Impedance Characteristics

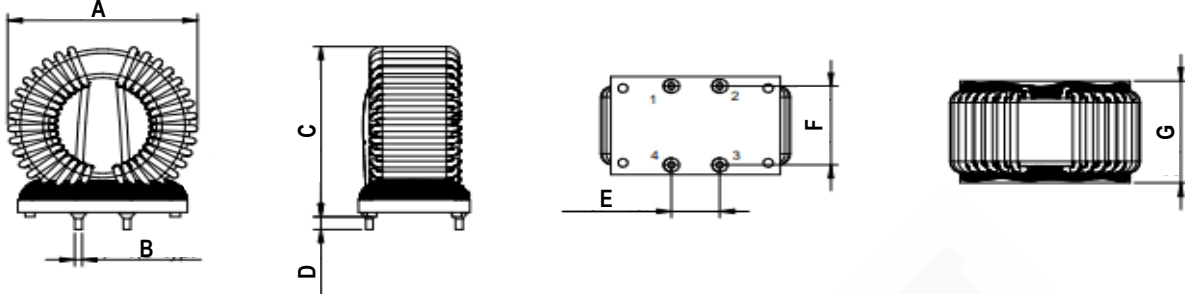
ACCM02-3021-202B





尺寸

Dimension (mm)

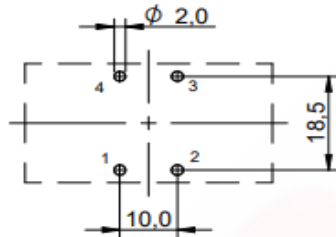


型号 Part No.	尺寸 (Dimension) mm							
	A	B	C	D	E	F	G	H
ACCM02-4323-182B	43.00max	Ø1.50ref	43.00max	3.00±0.50	10.00±0.50	18.50±0.50	23.50max	13.00max
ACCM02-4323-132B	43.50max	Ø1.80ref	43.50max	3.00±0.50	10.00±0.50	18.50±0.50	23.50max	13.00max
ACCM02-4323-102B	44.00max	Ø2.00ref	43.00max	3.00±0.50	10.00±0.50	18.50±0.50	23.50max	13.00max
ACCM02-4323-501B	47.00max	Ø2.50ref	43.00max	3.00±0.50	10.00±0.50	18.50±0.50	23.50max	13.00max



焊盘推荐

Land Pattern Recommended (mm)



示意图

Schematics



电性特性

Electrical Properties

型号 Part No.	电感值 Inductance L (mH)		温升电流 Rated Current I _R 70°C max (A)	直流电阻 DC Resistance DCR _{max} (mΩ)	额定电压 Rated Voltage VR (V _{AC})	绝缘试验电压 Insulation Test Voltage VT (V _{AC}) 50Hz/5mA/2sec
ACCM02-4323-182B	1.80	±30%	14.00	9.50	250	1,500
ACCM02-4323-132B	1.30	±30%	20.00	6.20	250	1,500
ACCM02-4323-102B	1.00	±30%	25.00	4.50	250	1,500
ACCM02-4323-501B	0.50	±30%	35.00	2.30	250	1,500

测试状态

Test Condition

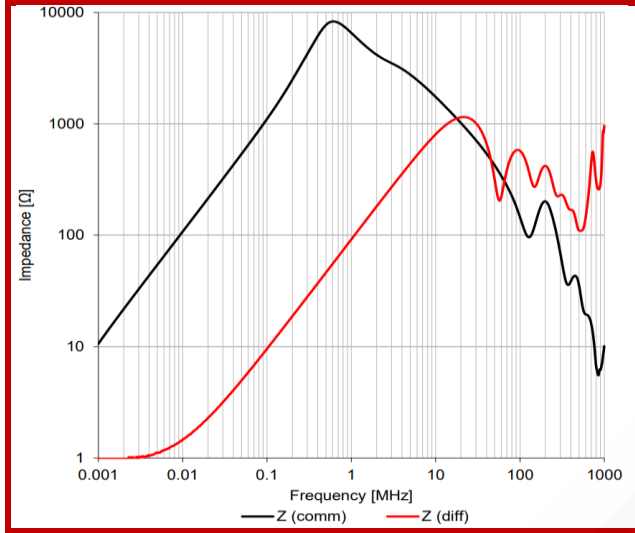
- ☆ 电感测试条件为 10kHz / 0.10mA (25°C)
Inductance measure condition at 10kHz / 0.10mA (25°C)
- ☆ 工作温度: -40°C ~ +125°C
Operating Temperature: -40°C ~ +125°C



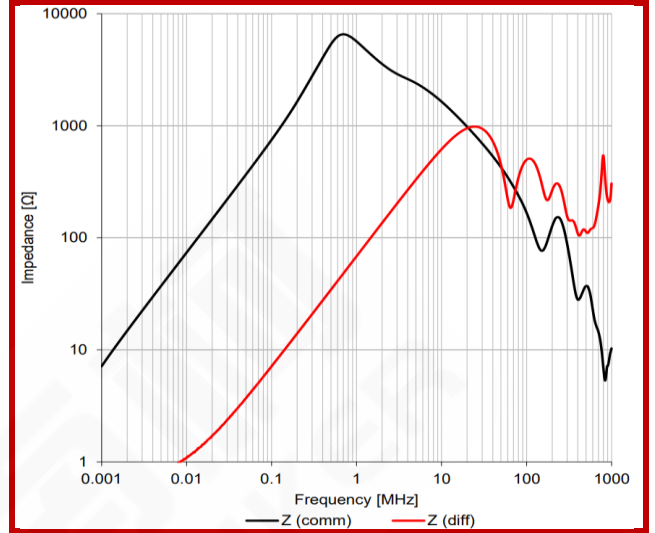
典型阻抗特性

Typical Impedance Characteristics

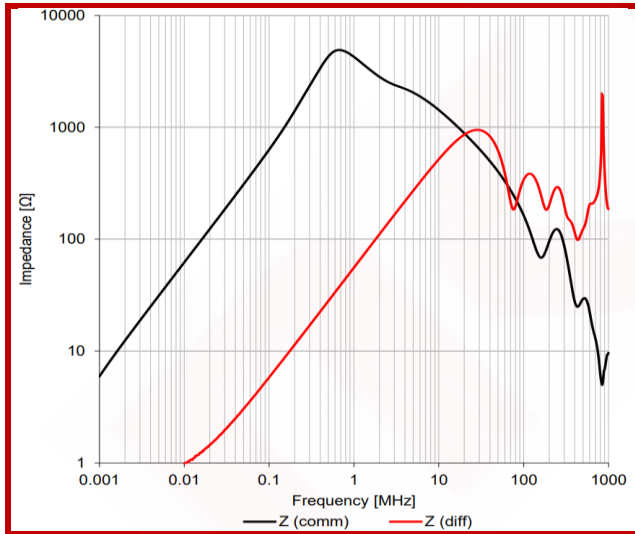
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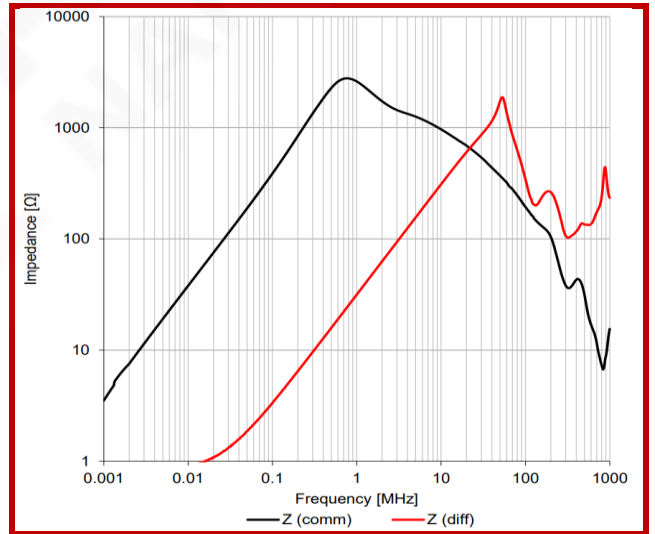
ACCM02-4323-132B



ACCM02-4323-102B



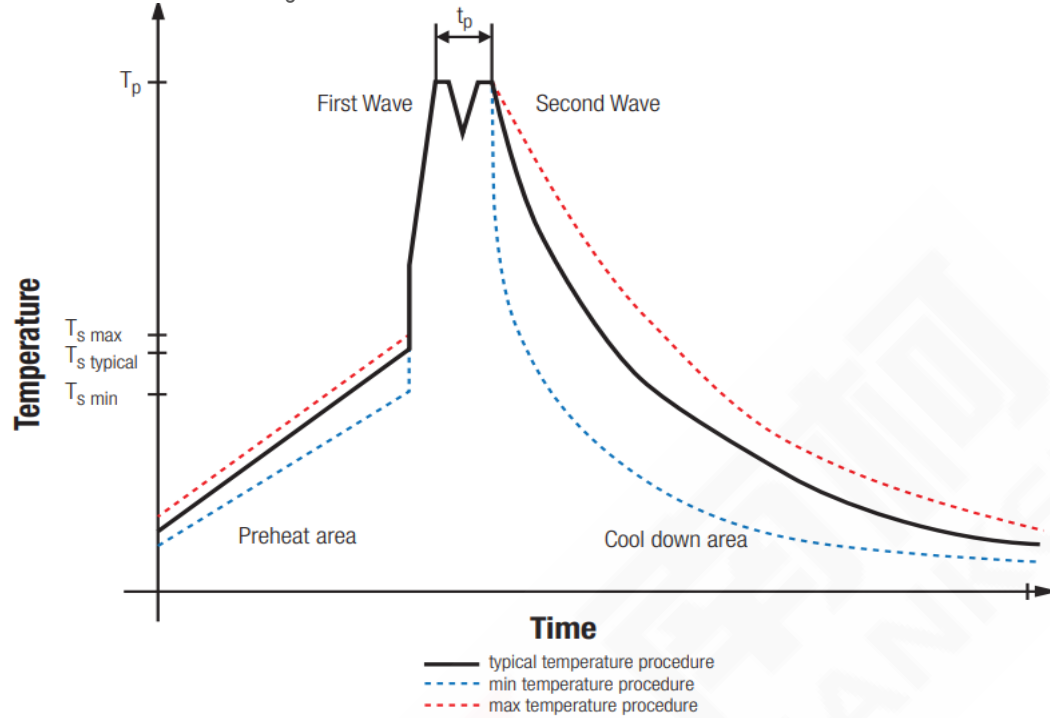
ACCM02-4323-501B





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	$T_{s \min}$	100°C	100°C
Preheat Temperature Typical	$T_{s \text{ typical}}$	120°C	120°C
Preheat Temperature Max	$T_{s \max}$	130°C	130°C
Preheat Time t_s from $T_{s \min}$ to $T_{s \max}$	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