

插件共模电感

AC Common Mode



可定制不同感值&线径&更改成立式

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

特性

Characteristics

针对不对称干扰有高抑制率

High suppression of asymmetrical interferences

在低频范围内也有好的抑制效果

Suppression even at low frequency range

小尺寸，高额定电流

Highest possible rated current by small size

紧凑型外壳的卧式设计

Horizontal design for compact housings

应用

Application

电力电子

Power electronics

电源线输入和输出滤波器

Power line in- and output filter

电机中的无线电干扰抑制

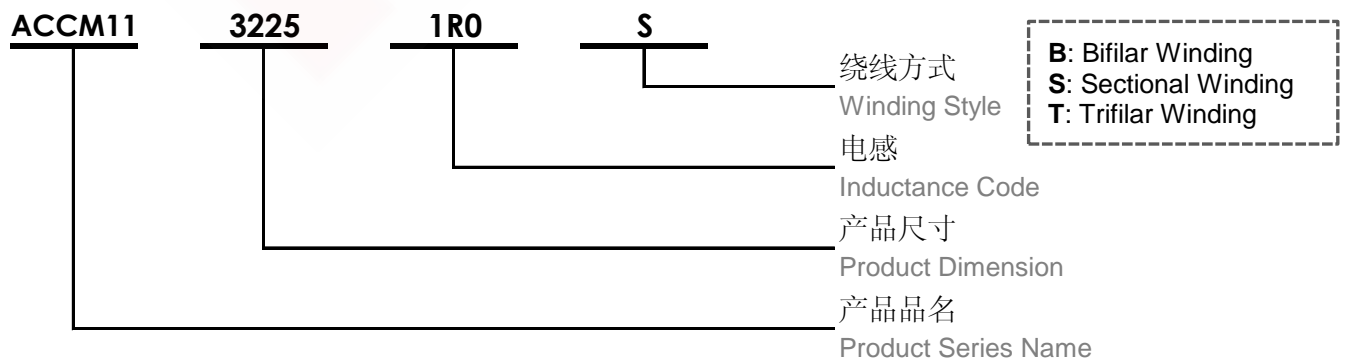
Radio interference suppression in motors

共模噪声的抑制

Suppression of common mode noise

产品品名介绍

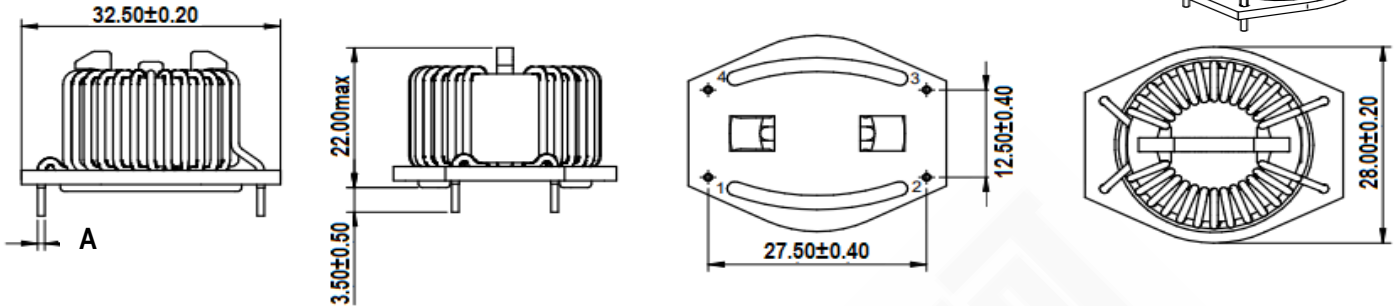
Product Number Structure





尺寸

Dimension (mm)

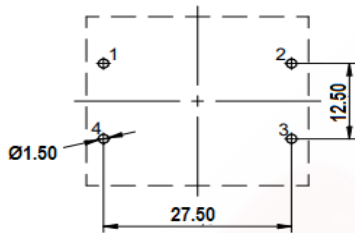


Part No.	Dimension A
ACCM11-3225-103S	Ø1.10typ
ACCM11-3225-223S	Ø1.00typ
ACCM11-3225-333S	Ø0.80typ
ACCM11-3225-503S	Ø0.8t0typ
ACCM11-3225-703S	Ø0.70typ
ACCM11-3225-104S	Ø0.60typ
ACCM11-3225-204S	Ø0.50typ



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 mH	温升电流 Rated Current I _r 70°C max(A)	直流电阻 DCResistance DCR max (mΩ)	绕线方式 Winding Style	包装数量 Packaging Qty pcs
ACCM11-3225-103S	1.00 ±30%	10.00	12.50	Sectional	350
ACCM11-3225-223S	2.20 ±30%	6.00	22.00	Sectional	350
ACCM11-3225-333S	3.30 ±30%	5.00	37.00	Sectional	350
ACCM11-3225-503S	5.00 ±30%	4.00	50.00	Sectional	350
ACCM11-3225-703S	7.00 ±30%	3.50	80.00	Sectional	350
ACCM11-3225-104S	10.00 ±30%	3.00	110.00	Sectional	350
ACCM11-3225-204S	20.00 ±30%	2.00	230.00	Sectional	350

测试状态

Test Condition

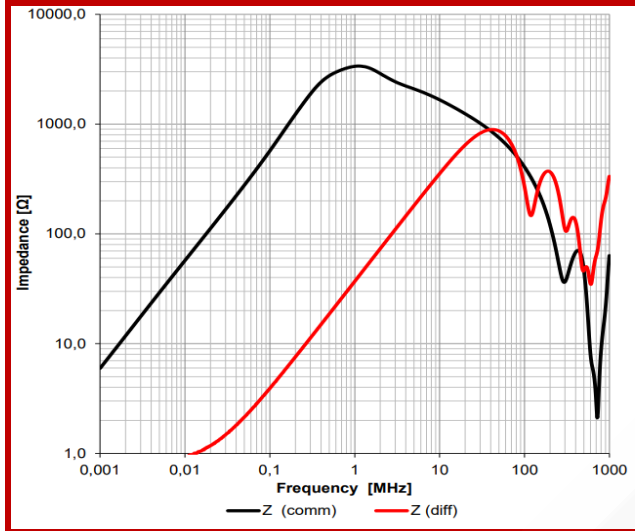
- ☆ 电感测试条件为 10kHz / 0.10mA (25°C)
Inductance measure condition at 10kHz / 0.10mA (25°C)
- ☆ 工作温度: -40°C ~ +125°C
Operating Temperature: -40°C ~ +125°C
- ☆ 额定电压 50Hz: 250V
Rated Voltage 50Hz: 250V



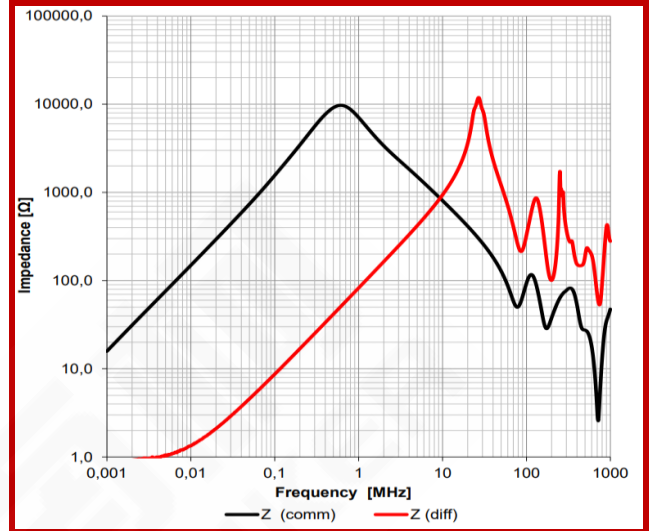
典型阻抗特性

Typical Impedance Characteristics

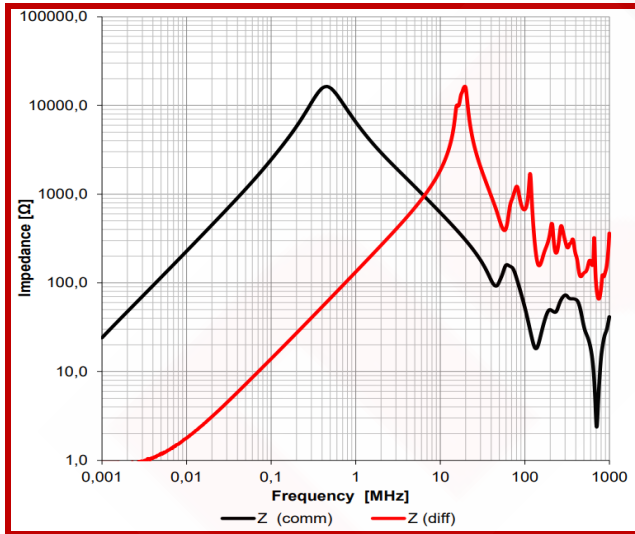
ACCM11-3225-103S



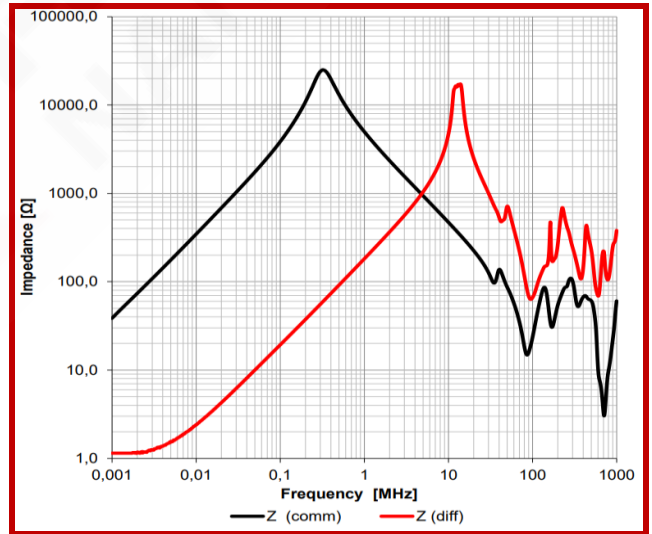
ACCM11-3225-223S



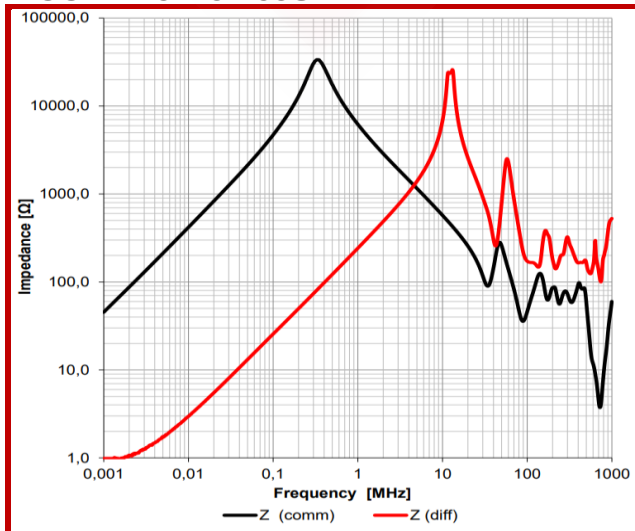
ACCM11-3225-333S



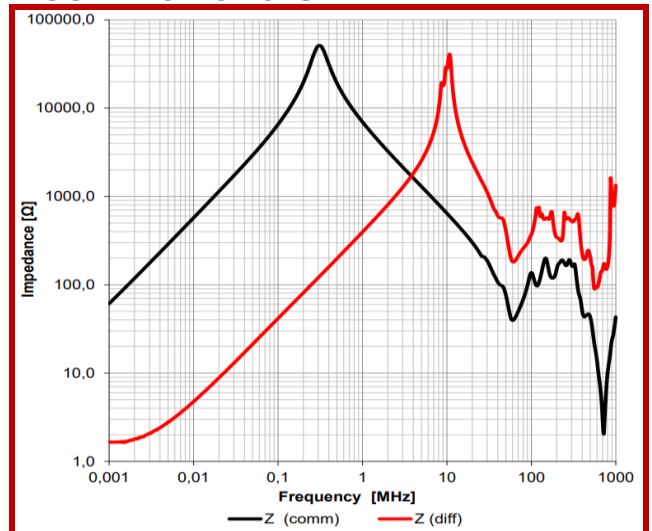
ACCM11-3225-503S

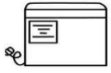


ACCM11-3225-703S



ACCM11-3225-104S

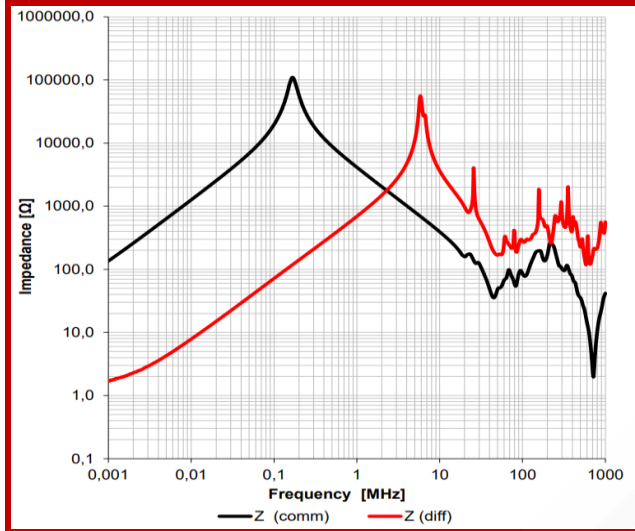




典型阻抗特性

Typical Impedance Characteristics

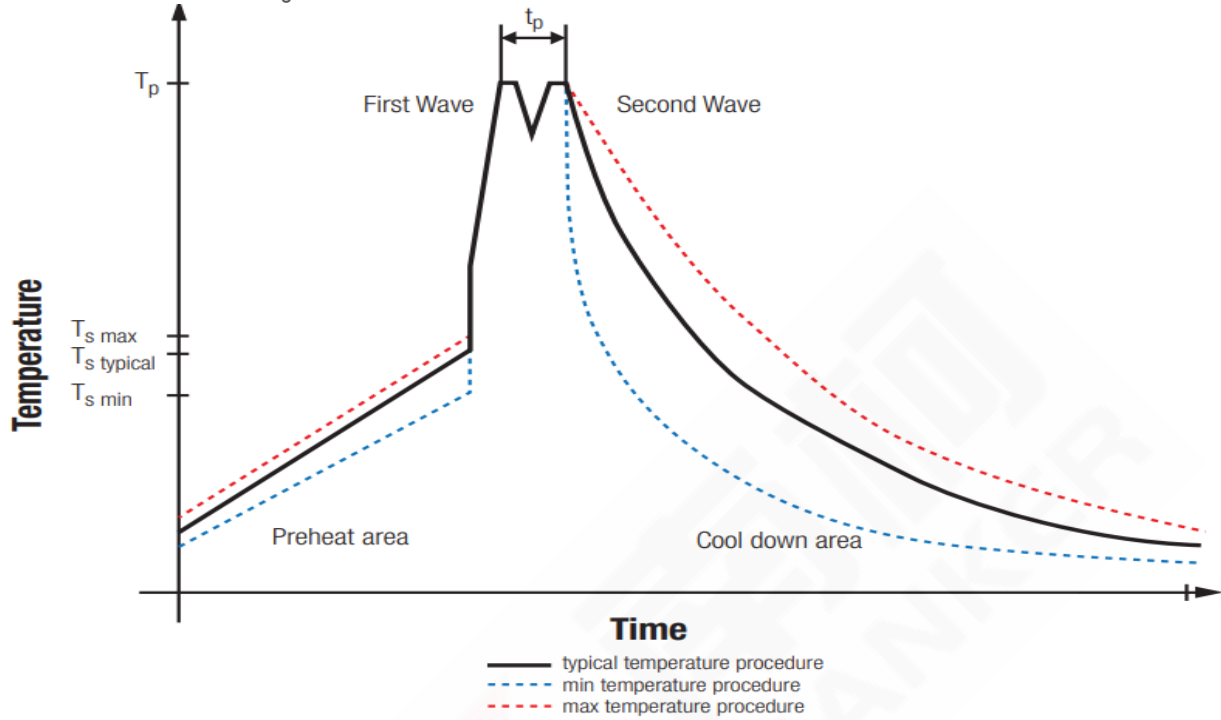
ACCM11-3225-204S





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	$T_{s\ typical}$	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