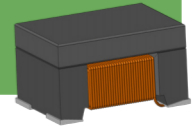


绕线片式共模扼流器—AMCW-B 系列

Wire Wound Chip Common Mode Choke—AMCW-B Series



工作温度
Operating Temp

◆ -40°C ~+150°C

特征
Features

- ◆ 绕线结构, 小尺寸
- ◆ 对高频共模噪声有良好的抑制作用
- ◆ 优异的焊接性能
- ◆ AEC-Q200 认证
- ◆ Winding type realizes small size and low profile
- ◆ Suppression of common mode noise at high frequency
- ◆ Excellent solderability
- ◆ AEC-Q200 qualified

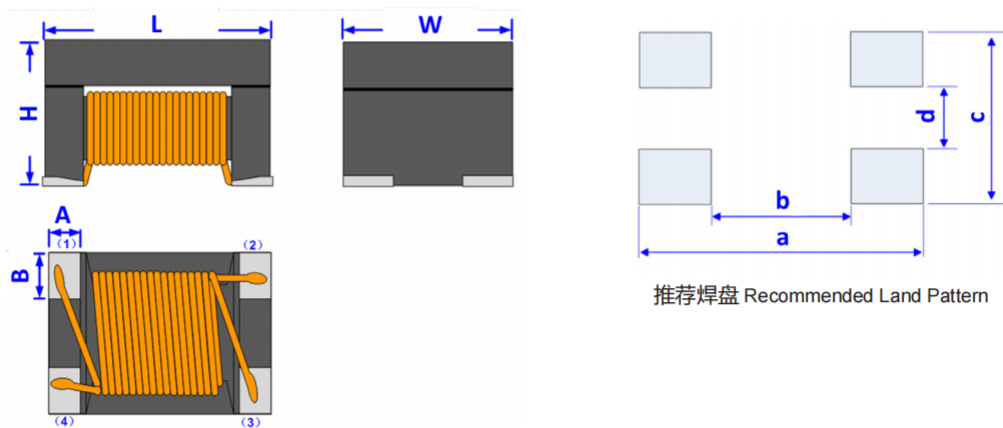
用途
Applications

- ◆ 用于汽车 CAN 总线和信号线的共模噪声滤除
- ◆ Common mode noise filtering for automotive CAN-BUS and signal line

产品型号
Product Identification

1	2	3	4	5	6	
AMCW	3225	B	-2	-110	T	
1	2		3	5		
分类 Type		外形尺寸 (L×W) (mm) External Dimensions (L×W) (mm)		类型 Code		
AMCW	绕线式片式共模扼流器 Wire Wound Chip Common Mode Choke for Automotive		3225 [1210]		B	用于 CAN 总线 for CAN-BUS
			4532 [1812]			
4		5		6		
引线数 Number of Lines		电感值 Inductance(uH)		包装 Packing		
2		例子 Example 感值 Nominal Value		T		
		110 11		编带 Tape & Reel		
		220 22				
		510 51				
		101 100				

外观尺寸
Shape and Dimensions



推荐焊盘 Recommended Land Pattern

单位 Unit: mm

Series	L	W	H	A	B	a	b	c	d
AMCW3225B	3.20±0.20	2.50±0.20	2.35±0.20	0.80 (11μH&22μH)	0.95	4.10	2.00	2.50	0.60
				0.70 (51μH&100μH)					
AMCW4532B	4.50±0.20	3.20±0.20	2.55±0.20	0.7	0.8	5.50	2.90	3.40	1.60

规格特性 Specifications

AMCW3225B TYPE

型号 Part Number	电感 Inductance	直流电阻 DC Resistance	额定电流 Rated Current	额定电压 Rated Voltage	绝缘电阻 Insulation Resistance
	+50%/-30%	Max.	Max.	Max.	Min.
单位 Units	uH	Ω	mA	Volts	MΩ
符号 Symbol	L	DCR	I _r	V _{DC}	IR
AMCW3225B-2-110T	11(@100KHz/0.1V)	0.3	400	80	10
AMCW3225B-2-220T	22(@100KHz/0.1V)	0.5	300	80	10
AMCW3225B-2-510T	51(@100KHz/0.1V)	1.5	200	80	10
AMCW3225B-2-101T	100(@100KHz/0.1V)	2.2	150	80	10

AMCW4532B TYPE

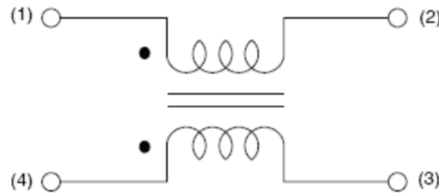
型号 Part Number	电感 Inductance	直流电阻 DC Resistance	额定电流 Rated Current	额定电压 Rated Voltage	绝缘电阻 Insulation Resistance
	+50%/-30%	Max.	Max.	Max.	Min.
单位 Units	uH	Ω	mA	Volts	MΩ
符号 Symbol	L	DCR	I _r	V _{DC}	IR
AMCW4532B-2-110T	11(@ 100KHz/0.1V)	0.5	360	50	10
AMCW4532B-2-220T	22(@ 100KHz/0.1V)	0.8	310	50	10
AMCW4532B-2-510T	51(@ 1.0MHz/0.1V)	1.0	230	50	10
AMCW4532B-2-101T	100(@ 1.0MHz/0.1V)	2.0	200	50	10

※: 可根据客户要求提供具有其他电气特性的产品。请联系当地销售人员

※: Products with other electrical characteristics can be provided upon customer's request. Please contact your local sales.

等效电路

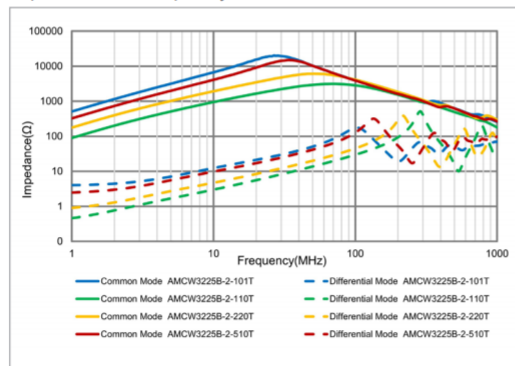
Equivalent
Circuit



电气特性

Typical
Electrical
Characteristics

AMCW3225B TYPE
Impedance vs. Frequency



AMCW4532B TYPE
Impedance vs. Frequency

