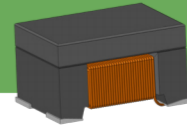


绕线片式共模扼流器—AMCW-L 系列

Wire Wound Chip Common Mode Choke—AMCW-L Series



工作温度：-40°C ~+125°C

Operating Temp : -40°C ~+125°C

特征

FEATURES

- ◆ 绕线结构, 小尺寸
- ◆ 全自动生产工艺保证高稳定性和一致性品质
- ◆ 优异的焊接性能
- ◆ AEC-Q200 认证
- ◆ Winding type, small size and low profile
- ◆ Manufactured with fully-automated processes for high reliability and consistent quality
- ◆ Excellent solderability
- ◆ AEC-Q200 verified

用途

APPLICATIONS

- ◆ 多媒体系统和以太网 (100BASE-T1)
- ◆ Multimedia system and Ethernet (100BASE-T1)

产品型号

PRODUCT IDENTIFICATION

1	2	3	4	5	6	7
AMCW	4532	L	-2	-201	T	R01

1	分类 Type
AMCW	绕线式片式共模扼流器 Wire Wound Chip Common Mode Choke for Automotive

2	外形尺寸 (L×W) (mm) External Dimensions (L×W) (mm)	
	3225 [1210]	3.2×2.5
	4532 [1812]	4.5×3.2

3	类型 Code	
	L	Ethernet

6	包装 Packing	
	T	编带 Tape & Reel

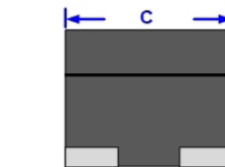
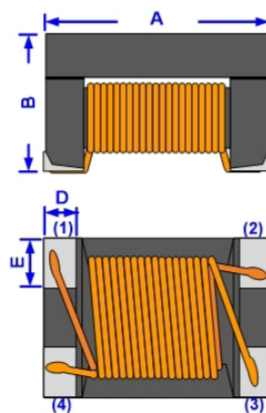
4	引线数 Number of Lines
	2

5	Inductance(uH)	
	Example	Nominal Value
	201	200
	101	100

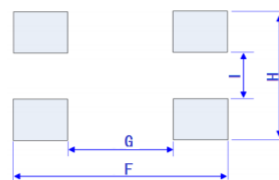
7	内部编号 Internal Code	
	R01	内部编号 Internal Code

外观尺寸

SHAPE AND DIMENSIONS



推荐焊盘 Recommended Land Pattern



单位 Unit: mm

系列 Series	A	B	C	D	E	F	G	H	I
AMCW3225L	3.20±0.20	2.20±0.20	2.50±0.20	0.70	1.05	4.10	2.00	2.50	0.40
AMCW4532L	4.50±0.20	2.30±0.20	3.20±0.20	1.0±0.1	1.25±0.1	5.50	2.90	3.20	0.70

规格特性

SPECIFICATIONS

AMCW3225L TYPE

型号 Part Number	电感量 Inductance @100KHz/0.1V	直流电阻 DC Resistance	额定电流 Rated Current	额定电压 Rated Voltage	绝缘电阻 Insulation Resistance
		Max.	Max.	Max.	Min.
单位 Units	uH	Ω	mA	Volts	MΩ
符号 Symbol	L	DCR	I _r	V _{DC}	IR
AMCW3225L-2-101TR01	100(-40%/+50%)	1.5	150	80	10
AMCW3225L-2-201TR01	200(-20%/+50%)	4.0	70	80	10

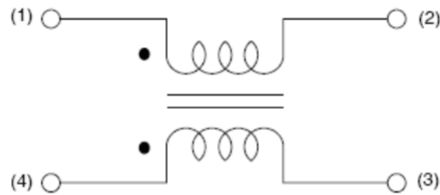
AMCW4532L TYPE

型号 Part Number	电感量 Inductance @100KHz/0.1V	直流电阻 DC Resistance	额定电流 Rated Current	额定电压 Rated Voltage	绝缘电阻 Insulation Resistance
		Max.	Max.	Max.	Min.
单位 Units	uH	Ω	mA	Volts	MΩ
符号 Symbol	L	DCR	I _r	V _{DC}	IR
AMCW4532L-2-201TR01	200(-25%/+50%)	4.5	110	50	10

1. 储存温度范围 (包装条件): -10°C~+40°C 和 RH 70% (Max.)
 2. AMCW3225L-2-101TR01 应用于 A²B
 3. AMCW3225L-2-201TR01 应用于 100BASE-T1
- ※: 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
1. Storage temperature range (packaging conditions): -10°C → +40°C and RH 70% (Max.)
 2. AMCW3225L-2-101TR01 is apply for A²B
 3. AMCW3225L-2-201TR01 is apply for 100BASE-T1
- ※: Products with other electrical characteristics can be provided upon customer's request. Please contact your local sales.

等效电路

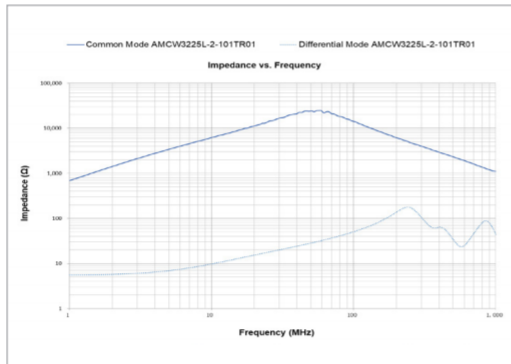
EQUIVALENT CIRCUIT



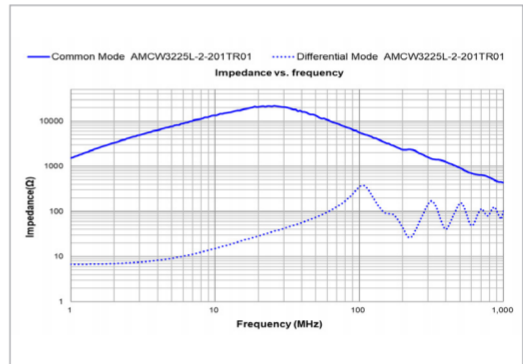
电气特性

TYPICAL ELECTRICAL CHARACTERISTICS

AMCW3225L-2-101TR01
Impedance vs. Frequency



AMCW3225L-2-201TR01
Impedance vs. Frequency



AMCW4532L-2-201TR01
Impedance vs. Frequency

