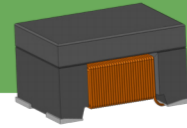


绕线片式共模扼流器—AMCW-F 系列

Wire Wound Chip Common Mode Choke—AMCW -F Series



工作温度：-40°C ~+150°C

Operating Temp：-40°C ~+150°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

- ◆ 车载 CAN-FD 系统
- ◆ Automotive CAN-FD system

产品型号

PRODUCT IDENTIFICATION

1	2	3	4	5	6
AMCW	4532	F	-2	-101	T

1	分类 Type
AMCW	绕线片式共模扼流器 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
F	for CAN-FD

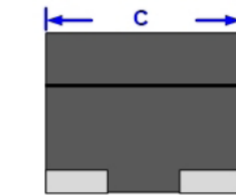
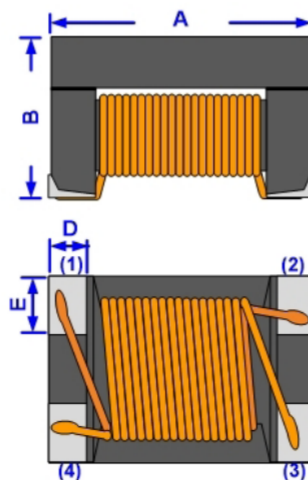
4	Inductance(uH)
Example	Nominal Value
101	100

5	引线数 Number of Lines
2	

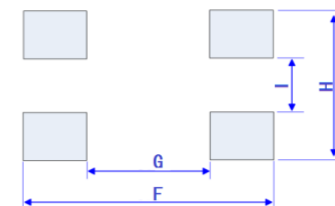
6	包装 Packing
T	编带 Tape & Reel

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
AMCW3225F	3.20±0.20	2.20±0.20	2.50±0.20	0.70	1.05	4.10	2.00	2.50	0.40
AMCW4532F	4.50±0.20	2.30±0.20	3.20±0.20	1.00	1.25	5.50	2.90	3.20	0.70

规格特性

SPECIFICATIONS

AMCW3225F TYPE

型号 Part Number	电感 Inductance @100KHz/0.1V +50%/-30%	直流电阻 DC Resistance Max.	额定电流 Rated Current Max.	额定电压 Rated Voltage Max.	绝缘电阻 Insulation Resistance Min.
单位 Units	uH	Ω	mA	Volts	M Ω
符号 Symbol	L	DCR	I _r	V _{DC}	IR
AMCW3225F-2-101T	100	2.5	150	50	10

AMCW4532F TYPE

型号 Part Number	电感 Inductance @100KHz/0.1V +50%/-30%	直流电阻 DC Resistance Max.	额定电流 Rated Current Max.	额定电压 Rated Voltage Max.	绝缘电阻 Insulation Resistance Min.
单位 Units	uH	Ω	mA	Volts	M Ω
符号 Symbol	L	DCR	I _r	V _{DC}	IR
AMCW4532F-2-101T	100	2.0	200	50	10

1. 储存温度范围 (包装条件): -10°C~+40°C 和 RH 70% (Max.)

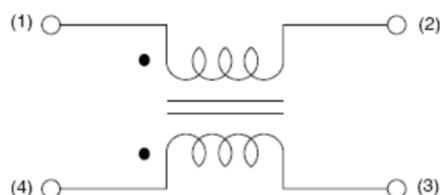
※: 可根据客户要求提供具有其他电气特性的产品。请联系当地销售人员

1. Storage temperature range (packaging conditions): -10°C ~+40°C and RH 70% (Max.)

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

等效电路

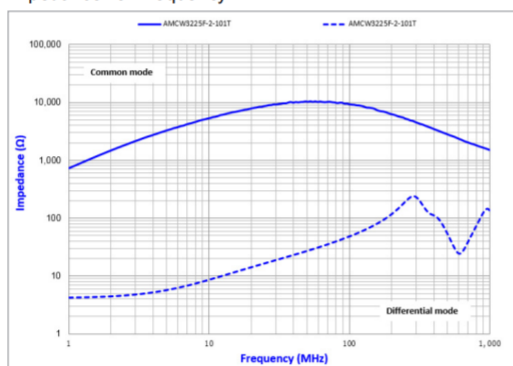
EQUIVALENT CIRCUIT



电气特性

TYPICAL ELECTRICAL CHARACTERISTICS

AMCW3225F TYPE Impedance vs. Frequency



AMCW4532F TYPE Impedance vs. Frequency

