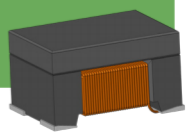
绕线片式共模扼流器—AMCW-S 系列
Wire Wound Chip Common Mode Choke–AMCW-S Series



工作温度 Operating Temp

- -40℃~+125℃

特征 Features

- 小尺寸，高可靠性
- 质量高，交付快，低成本
- 支持车载信号传输接口 (USB2.0)，支持 3D 传输，满足更高的分辨率、刷新率和彩深度，支持 1080P 以上的高清播放
- AEC-Q200 认证

- Small size, high reliability
- High quality, fast delivery, low cost
- Support vehicle signal transmission interface (USB2.0), support 3D transmission, meet higher resolution, refresh rate and color depth, support 1080P above playback
- AEC-Q200 qualified

用途 Applications

- 车载 USB2.0/HDMI 2.0 信号传输

- Automotive USB2.0/HDMI 2.0 signal transmission

产品型号 Product Identification

1	2	3	4	5	6
AMCW	2012	S	-2	-900	T

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)	
2012 [0805]	2.0×1.2

3

类型 Code	
S	Signal 用于信号线

5

Nominal Impedance (Ω)	
例子 Example	感值 Nominal Value
670	67
900	90
121	120
181	180
361	360
481	480

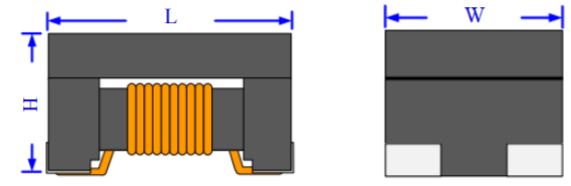
4

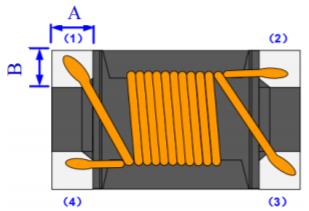
引线数 Number of Lines
2

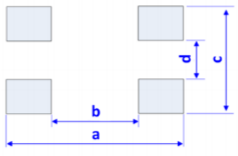
6

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

Series	L	W	H	A	B	a	b	c	d
AMCW2012S	2.0±0.20	1.27±0.20	1.2±0.20	0.4	0.36	2.6	1.0	1.3	0.4

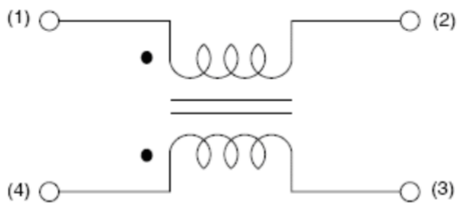
规格特性
Specifications

AMCW2012S TYPE

型号 Part Number	共模阻抗 Impedance@ 100MHz	直流电阻 DC Resistance	额定电流 Rated Current	额定电压 Rated Voltage	绝缘电阻 Insulation Resistance
	±25%	Max.	Max.	Max.	Min.
单位 Units	Ω	Ω	mA	Volts	MΩ
符号 Symbol	|Z|	DCR	Ir	V_{DC}	IR
AMCW2012S-2-670T	67	0.18	420	50	10
AMCW2012S-2-900T	90	0.22	400	50	10
AMCW2012S-2-121T	120	0.22	400	50	10
AMCW2012S-2-181T	180	0.28	350	50	10
AMCW2012S-2-361T	360	0.39	280	50	10
AMCW2012S-2-481T	480	0.37	290	50	10

1. 储存温度范围 (包装条件): -10℃ ~+40℃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℃ ~+40℃ 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

AMCW2012S TYPE
Impedance vs. Frequency