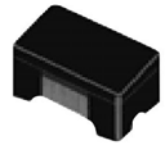


# 绕线片式共模扼流器—SDCW 系列

## Wire Wound Chip Common Mode Choke Coil – SDCW Series

Operating Temp. : -40°C~+85°C



### 特征

- 绕线结构，小尺寸
- 对高频共模噪声有良好的抑制作用
- 对不同的噪声水平和信号频率，有 67Ω~2200Ω 可供选择
- 良好的耐焊性能

### FEATURES

- Winding type realizes small size and low profile
- Prevention of common mode noise at high Frequency
- 67Ω~2200Ω are optional for different noise level and signal frequency
- Excellent soldering heat resistance

### 用途

- PC 机及周边设备、数字 AV 等其他设备的 USB2.0 接口
- 笔记本电脑、LCD 的 LVDS 线
- 音频线路

### APPLICATIONS

- USB2.0 of PC, peripheral equipments, small digital AV equipments, etc.
- LVDS lines of Note PC, LCD
- Audio lines

### 产品型号

### PRODUCT IDENTIFICATION

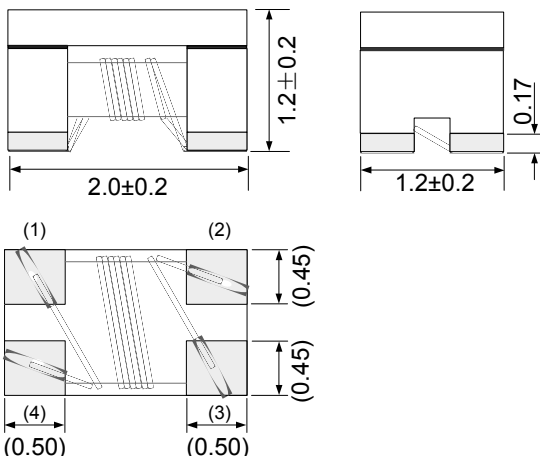
<u>SDCW</u> ①	<u>2012</u> ②	<u>-2</u> ③	<u>-900</u> ④	<u>T</u> ⑤	<u>F</u> ⑥							
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### 外观尺寸

### SHAPE AND DIMENSIONS

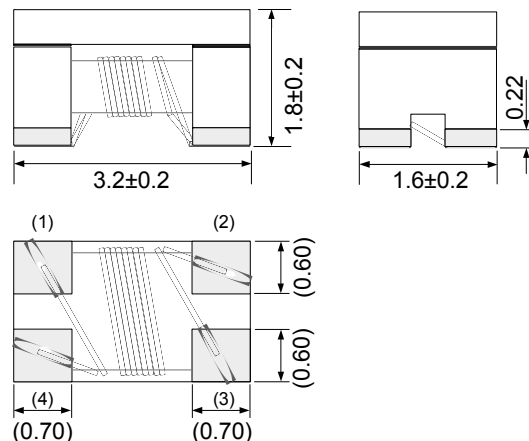
SDCW2012 Type

Unit: mm



SDCW3216 Type

Unit: mm



**Sunlord**

Specifications subject to change without notice. Please check our website for latest information. Revised 2011/03/15

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# 规格特性

# SPECIFICATIONS

## SDCW2012 TYPE

Part Number 型号	Common Mode Impedance @100MHz 共模阻抗	Max. DC Resistance 直流电阻	Max. Rated Current 额定电流	Rated Voltage 额定电压	Min. Insulation Resistance 绝缘电阻
Units 单位	$\Omega$	$\Omega$	mA	Volts	M $\Omega$
Symbol 符号	Z	DCR	I <sub>r</sub>	V <sub>DC</sub>	IR
SDCW2012-2-300TF	30±25%	0.20	450	50	10
SDCW2012-2-670TF	67±25%	0.25	400	50	10
SDCW2012-2-900TF	90±25%	0.35	330	50	10
SDCW2012-2-121TF	120±25%	0.30	370	50	10
SDCW2012-2-181TF	180±25%	0.35	330	50	10
SDCW2012-2-201TF	200±25%	0.40	300	50	10
SDCW2012-2-221TF	220±25%	0.40	300	50	10
SDCW2012-2-261TF	260±25%	0.40	300	50	10
SDCW2012-2-371TF	370±25%	0.45	280	50	10

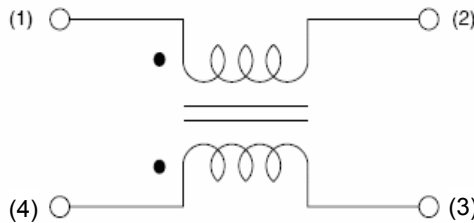
## SDCW3216 TYPE

Part Number 型号	Common Mode Impedance @100MHz 共模阻抗	Max. DC Resistance 直流电阻	Max. Rated Current 额定电流	Rated Voltage 额定电压	Min. Insulation Resistance 绝缘电阻
Units 单位	$\Omega$	$\Omega$	mA	Volts	M $\Omega$
Symbol 符号	Z	DCR	I <sub>r</sub>	V <sub>DC</sub>	IR
SDCW3216-2-900TF	90±25%	0.3	370	50	10
SDCW3216-2-161TF	160±25%	0.4	340	50	10
SDCW3216-2-261TF	260±25%	0.5	310	50	10
SDCW3216-2-601TF	600±25%	0.8	260	50	10
SDCW3216-2-102TF	1000±25%	1.0	230	50	10
SDCW3216-2-222TF	2200±25%	1.2	200	50	10

※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

### SDCW2012 TYPE

### SDCW3216 TYPE

