

绕线片式共模扼流器—SDCW-H 系列

Wire Wound Chip Common Mode Choke Coil – SDCW-H Series



工作温度
Operating Temp

- ◆ -40℃~+85℃

特征
Features

- ◆ 绕线结构, 小尺寸
- ◆ 可抑制高速差分信号线上的噪声
- ◆ 优异的焊接性能
- ◆ Winding type realizes small size and low profile
- ◆ Suppress noise for the high-speed differential signal lines
- ◆ Excellent solder ability

用途
Applications

- ◆ 用于 HDMI, DVI 等高速差分信号线接口
- ◆ High speed differential signal lines for HDMI, DVI, etc.

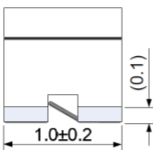
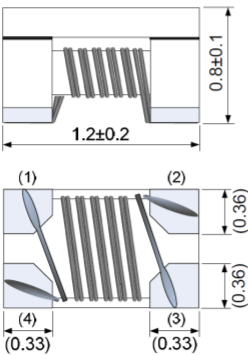
产品型号
Product Identification

1	2	3	4	5	6	7
SDCW	2012	H	-2	-900	T	F

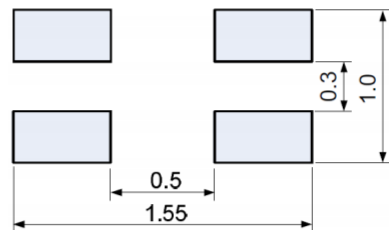
1	分类 Type	2	外形尺寸 (L×W) (mm) External Dimensions (L×W) (mm)	3	类型 Code
SDCW	绕线式片式共模扼流器 Winding Type Common Mode Choke Coil	1210 [0504]	1.2×1.0	H	用于高速差分信号 For High-speed Differential Signal Lines
		2012 [0805]	2.0×1.2		
4	引线数 Number of Lines				
	2				
5	阻抗 Impedance	6	包装 Packing	7	无有害物质产品 Hazardous Substance Free Products
Example	Nominal Value	T	编带 Tape & Reel		F
900	90Ω				

外观尺寸
Shape and Dimensions

SDCW1210H TYPE



Recommended Land Pattern



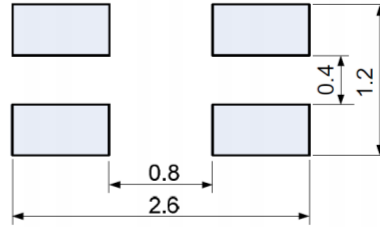
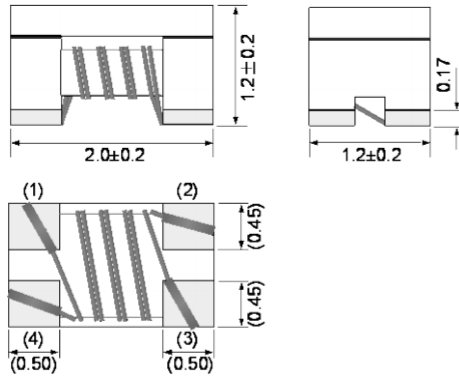
Unit: mm

外观尺寸 Shape and Dimensions

SDCW2012H TYPE

Recommended Land Pattern

Unit: mm



规格特性 Specifications

SDCW1210H TYPE

型号 Part Number	共模阻抗 Common Mode Impedance @ 100MHz	直流电阻 Max. DC Resistance	额定电流 Max. Rated Current	额定电压 Rated Voltage	绝缘电阻 Min. Insulation Resistance
单位 Units	Ω	Ω	mA	Volts	M Ω
符号 Symbol	Z	DCR	I _r	V _{DC}	IR
SDCW1210H-2-350TF	35 ± 25%	0.32	320	20	10
SDCW1210H-2-900TF	90 ± 25%	0.50	280	20	10

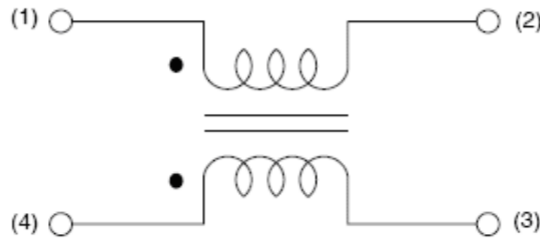
SDCW2012H TYPE

型号 Part Number	共模阻抗 Common Mode Impedance @ 100MHz	直流电阻 Max. DC Resistance	额定电流 Max. Rated Current	额定电压 Rated Voltage	绝缘电阻 Min. Insulation Resistance
单位 Units	Ω	Ω	mA	Volts	M Ω
符号 Symbol	Z	DCR	I _r	V _{DC}	IR
SDCW2012H-2-670TF	67 ± 25%	0.30	320	20	10
SDCW2012H-2-900TF	90 ± 25%	0.40	280	20	10
SDCW2012H-2-121TF	120 ± 25%	0.40	280	20	10

※: 可根据客户需求提供其他电气特性产品, 请联系您当地的销售人员。

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

等效电路 Equivalent Circuit

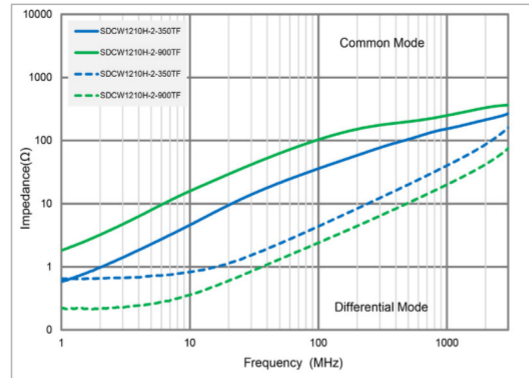


电气特性

Typical
Electrical
Characteristics

Impedance vs. Frequency

SDCW1210H TYPE



SDCW2012H TYPE

