

绕线片式共模扼流器—SDCW-U 系列

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



工作温度
Operating Temp

◆ -40°C ~ +85°C

特征
Features

- ◆ 绕线结构，小尺寸
- ◆ 对高频共模噪声有良好的抑制作用
- ◆ 优异的焊接性能
- ◆ Winding type realizes small size and low profile
- ◆ Prevention of common mode noise at high frequency
- ◆ Excellent solderability

用途
Applications

- ◆ 用于 USB3.0 超高速差分信号线接口
- ◆ Super speed differential signal lines for USB3.0

产品型号

Product Identification

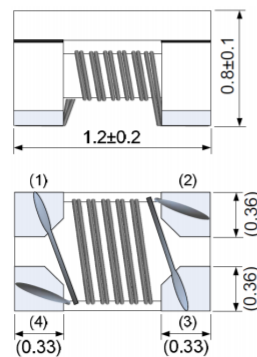
1	2	3	4	5	6	7
SDCW	2012	U	-2	-900	T	F

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	U	用于超高速差分信号 For Super Speed Differential Signal Lines
		2012 [0805]	2.0×1.2		
4	引线数 Number of Lines			6	包装 Packing
	2			T	编带 Tape & Reel
5	阻抗 Impedance			7	无有害物质产品 Hazardous Substance Free Products
Example	Nominal Value				F
900	90Ω				

外观尺寸

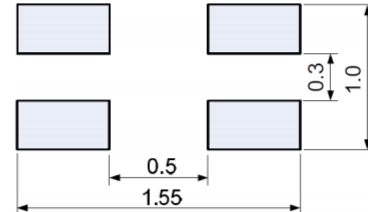
Shape and Dimensions

SDCW1210U TYPE



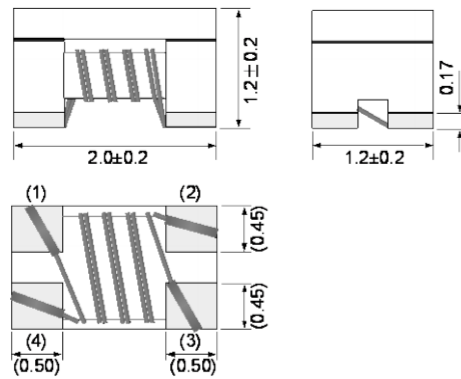
Recommended Land Pattern

Unit: mm

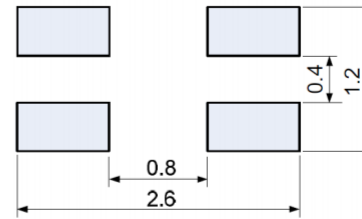


外观尺寸 Shape and Dimensions

SDCW2012U TYPE



Recommended Land Pattern



Unit: mm

规格特性 Specifications

SDCW1210U 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
SDCW1210U-2-140TF	14±25%	0.12	600	20	10
SDCW1210U-2-600TF	60±25%	0.40	300	20	10
SDCW1210U-2-900TF	90±25%	0.50	280	20	10

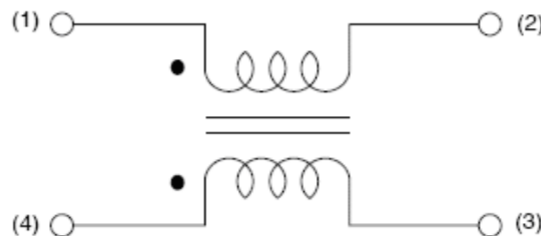
SDCW2012U TYPE

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
SDCW2012U-2-900TF	90±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

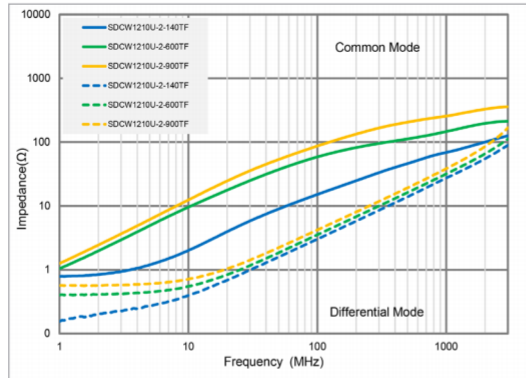


电气特性

Typical
Electrical
Characteristics

Impedance vs. Frequency

SDCW1210U TYPE



SDCW2012U TYPE

