

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



Operating temp. : -40°C ~+85°C

**FEATURES**

- ◆ Winding type realizes small size and low profile.
- ◆ Suppress noise for the high-speed differential signal lines.
- ◆ Excellent solder ability.

**APPLICATIONS**

- ◆ High speed differential signal lines for HDMI, DVI, etc.

**PRODUCT IDENTIFICATION**

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

1 Type	
SDCW	Winding Type Common Mode Choke Coil

2 External Dimensions (L×W) (mm)	
2012 [0805]	2.0×1.3

3 Code	
CH	HDMI、DVI Coating & For HDMI and DVI

6 Packing	
T	Tape & Reel

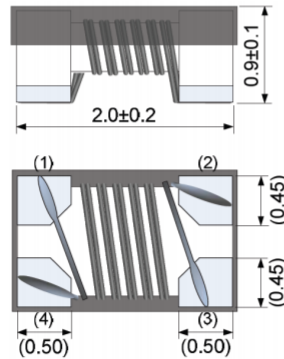
4 Number of Lines	
2	

5 Impedance	
Example	Nominal Value
900	90Ω

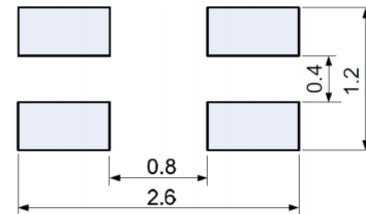
7 Hazardous Substance Free Products	
F	

**SHAPE AND DIMENSIONS**

SDCW2012CH TYPE



Recommended Land Pattern



Unit: mm

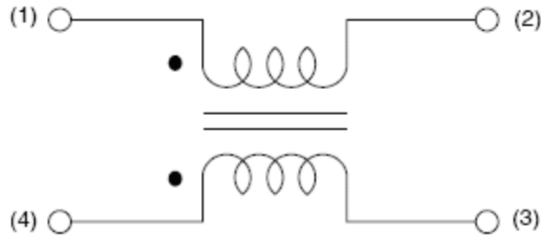
Multilayer Chip Ferrite Bead  
 Wire Wound Ferrite Bead  
 Multilayer Chip Common Mode Filter  
 Wire Wound Chip Common Mode Choke Coil for Signal Line

**SPECIFICATIONS** SDCW-CH TYPE

Part Number	Common Mode Impedance @ 100MHz	Max. DC Resistance	Max. Rated Current	Rated Voltage	Min. Insulation Resistance
Units	$\Omega$	$\Omega$	mA	Volts	M $\Omega$
Symbol	Z	DCR	I <sub>r</sub>	V <sub>DC</sub>	IR
SDCW2012CH-2-670TF	67±25%	0.50	250	50	10
SDCW2012CH-2-900TF	90±25%	0.60	200	50	10
SDCW2012CH-2-121TF	120±25%	0.60	200	50	10

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

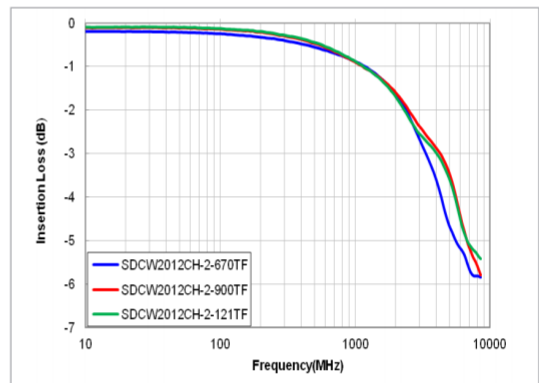
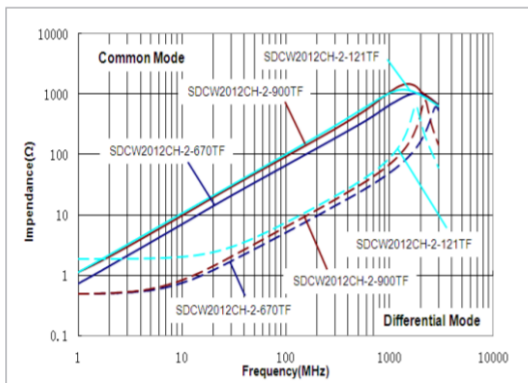
**EQUIVALENT CIRCUIT**



**TYPICAL ELECTRICAL CHARACTERISTICS**

Impedance vs. Frequency

SDCW2012CH TYPE



单击下面可查看定价，库存，交付和生命周期等信息

[>>Sunlord\(顺络\)](#)