

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

Operating Temp. : -40°C~+85°C



FEATURES

- Winding type and low profile
- Prevention of common mode noise at high frequency
- 67Ω~180Ω are optional for different noise level and signal frequency

APPLICATIONS

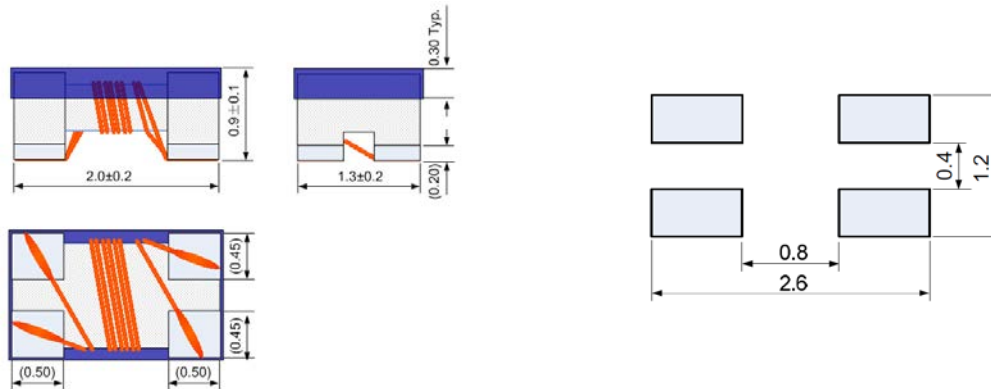
- USB2.0 of PC, peripheral equipments, small digital AV equipments, etc.
- LVDS lines of Note PC, LCD
- Audio lines

PRODUCT IDENTIFICATION

<u>SDCW</u> ①	<u>2012</u> ②	<u>C</u> ③	<u>-2</u> ④	<u>-900</u> ⑤	<u>T</u> ⑥	<u>F</u> ⑦																														
①	②	③	④	⑤	⑥	⑦																														
<table border="1"> <tr><td colspan="2">Type</td></tr> <tr><td>SDCW</td><td>Winding Type Common Mode Choke Coil</td></tr> </table>	Type		SDCW	Winding Type Common Mode Choke Coil	<table border="1"> <tr><td colspan="2">External Dimensions (LxW) (mm)</td></tr> <tr><td>2012 [0805]</td><td>2.0x1.3</td></tr> </table>	External Dimensions (LxW) (mm)		2012 [0805]	2.0x1.3	<table border="1"> <tr><td colspan="2">Code</td></tr> <tr><td>C</td><td>Coating</td></tr> </table>	Code		C	Coating	<table border="1"> <tr><td colspan="2">Number of Lines</td></tr> <tr><td colspan="2">2</td></tr> </table>	Number of Lines		2		<table border="1"> <tr><td colspan="2">Impedance</td></tr> <tr><td>Example</td><td>Nominal Value</td></tr> <tr><td>900</td><td>90Ω</td></tr> </table>	Impedance		Example	Nominal Value	900	90Ω	<table border="1"> <tr><td colspan="2">Packing</td></tr> <tr><td>T</td><td>Tape & Reel</td></tr> </table>	Packing		T	Tape & Reel	<table border="1"> <tr><td colspan="2">Hazardous Substance Free Products</td></tr> <tr><td colspan="2">F</td></tr> </table>	Hazardous Substance Free Products		F	
Type																																				
SDCW	Winding Type Common Mode Choke Coil																																			
External Dimensions (LxW) (mm)																																				
2012 [0805]	2.0x1.3																																			
Code																																				
C	Coating																																			
Number of Lines																																				
2																																				
Impedance																																				
Example	Nominal Value																																			
900	90Ω																																			
Packing																																				
T	Tape & Reel																																			
Hazardous Substance Free Products																																				
F																																				

SHAPE AND DIMENSIONS

SDCW2012C TYPE



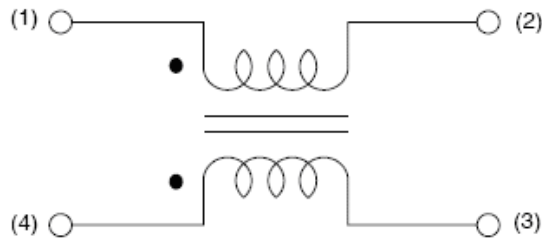
SPECIFICATIONS

SDCW2012-C TYPE

Part Number	Common Mode Impedance @100MHz	Max. DC Resistance	Max. Rated Current	Rated Voltage	Min. Insulation Resistance
Units	Ω	Ω	mA	Volts	MΩ
Symbol	Z	DCR	I _r	V _{DC}	IR
SDCW2012C-2-670TF	67±25%	0.35	330	50	10
SDCW2012C-2-900TF	90±25%	0.35	330	50	10
SDCW2012C-2-121TF	120±25%	0.45	280	50	10
SDCW2012C-2-181TF	180±25%	0.50	250	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

