

# 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

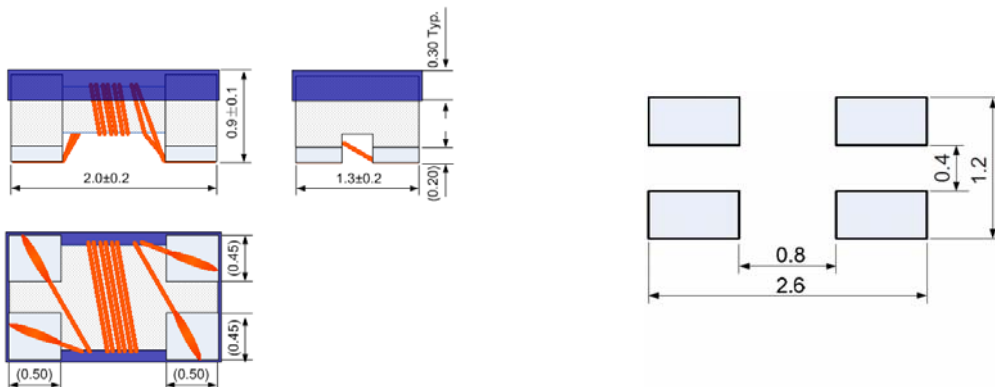
- USB2.0 of PC, peripheral equipments, small
- LVDS lines of Note PC, LCD

## PRODUCT IDENTIFICATION

① <u>SDCW</u>	② <u>2012</u>	③ <u>C</u>	④ <u>-2</u>	⑤ <u>-900</u>	⑥ <u>I</u>	⑦ <u>F</u>																																
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## SHAPE AND DIMENSIONS

### SDCW2012C TYPE



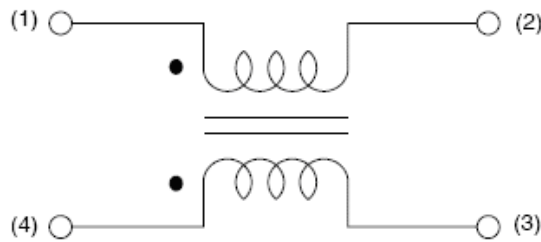
## SPECIFICATIONS

### SDCW2012C 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
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

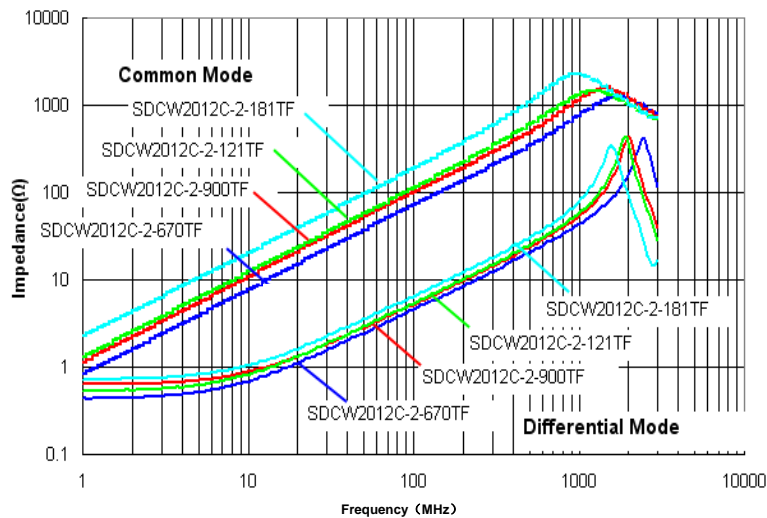
※Products with other electrical characteristics can be provided upon customer's request. Please contact your local sales.

## EQUIVALENT CIRCUIT



## TYPICAL ELECTRICAL CHARACTERISTICS

Impedance vs. Frequency



## X-ON Electronics

Largest Supplier of Electrical and Electronic Components

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[EXC-X4CH120X](#) [DLW5BTM102TQ2L](#) [CMF16-153131](#) [CMF23H-273141](#)