

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

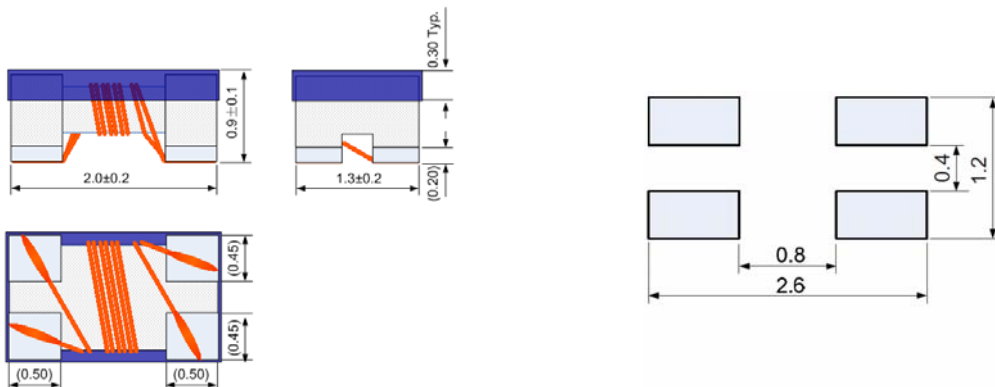
- USB2.0 of PC, peripheral equipments, small
- LVDS lines of Note PC, LCD

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



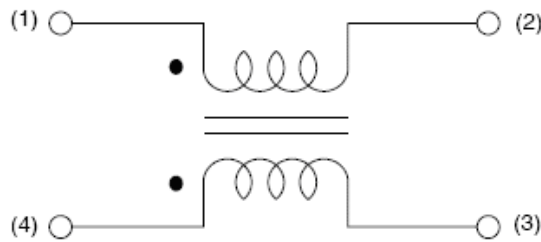
SPECIFICATIONS

SDCW2012C TYPE

Part Number	Common Mode Impedance @100MHz	Max. DC Resistance	Max. Rated Current	Rated Voltage	Min. Insulation Resistance
Units	Ω	Ω	mA	Volts	M Ω
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

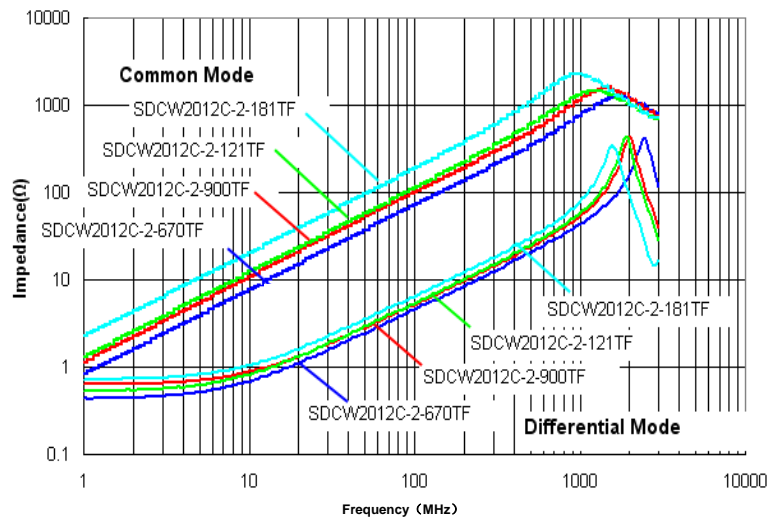
※Products with other electrical characteristics can be provided upon customer's request. Please contact your local sales.

EQUIVALENT CIRCUIT



TYPICAL ELECTRICAL CHARACTERISTICS

Impedance vs. Frequency



X-ON Electronics

Largest Supplier of Electrical and Electronic Components

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[UALSC0305GS000](#) [UALSC0120G0000](#) [UAL24VK06450CH](#) [UAL11VL1105000](#) [RN112-3.6-02-0M4](#) [RN114-1.2-02-10M](#) [RN122-0.6-02-](#)
[47M](#) [RN122-3-02-4M5](#) [RN142-1-02-33M](#) [RN214-2.5-02-3M3](#) [RN112-2-02-1M0](#) [RN143-6-02-1M8](#) [RN214-0.8-02-27M](#) [RN242-1.4-02-27M](#)
[EXC-X4CH120X](#) [DLW5BTM102TQ2L](#) [CMF16-153131](#) [CMF23H-273141](#)