

# 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

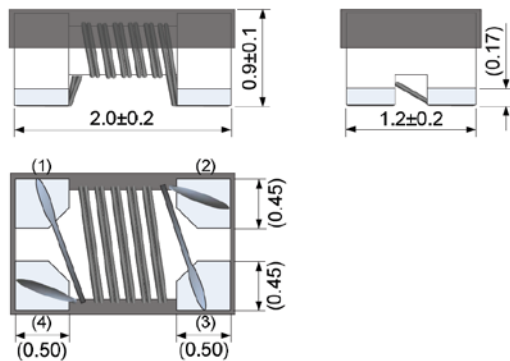
- High speed differential signal lines for HDMI,DVI, etc.

## PRODUCT IDENTIFICATION

<b>SDCW</b> ①	<b>2012</b> ②	<b>CH</b> ③	<b>-2</b> ④	<b>-900</b> ⑤	<b>T</b> ⑥	<b>F</b> ⑦														
①	②		③		④															
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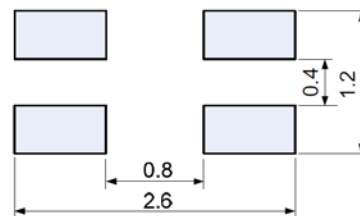
## SHAPE AND DIMENSIONS

### SDCW2012CH TYPE



### Recommended Land Pattern

Unit: mm



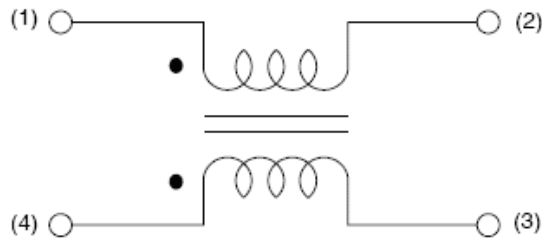
## SPECIFICATIONS

### SDCW-CH 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 <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

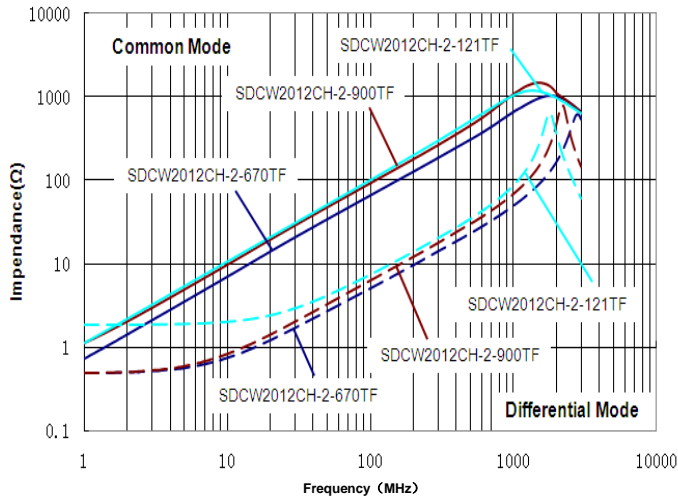
※Products with other electrical characteristics can be provided upon customer's request. Please contact your local sales.

## EQUIVALENT CIRCUIT



## TYPICAL ELECTRICAL CHARACTERISTICS

Impedance vs. Frequency



Insertion Loss

