

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

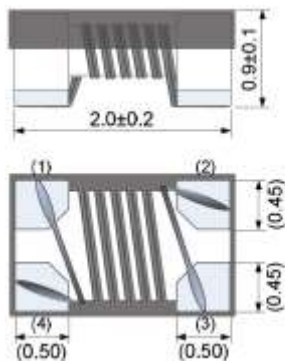
- High speed differential signal lines for HDMI, DVI, etc.

PRODUCT IDENTIFICATION

<u>SDCW</u> ①	<u>2012</u> ②	<u>CH</u> ③	<u>-2</u> ④	<u>-900</u> ⑤	<u>T</u> ⑥	<u>F</u> ⑦
①	Type		External Dimensions (LxW) (mm)		Code	
SDCW	Winding Type Common Mode Choke Coil		2012 [0805]	2.0x1.2	CH	HDMI、DVI Coating & For HDMI and DVI
		④	Number of Lines			
			2			
		⑥	Packing		⑦	
		T	Tape & Reel		Hazardous Substance Free Products	
					F	
⑤	Impedance					
Example	Nominal Value					
900	90Ω					

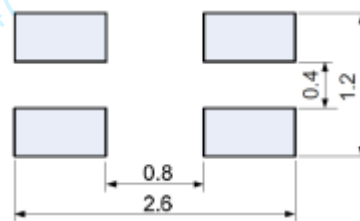
SHAPE AND DIMENSIONS

SDCW2012CH TYPE



Recommended Land Pattern

Unit: mm



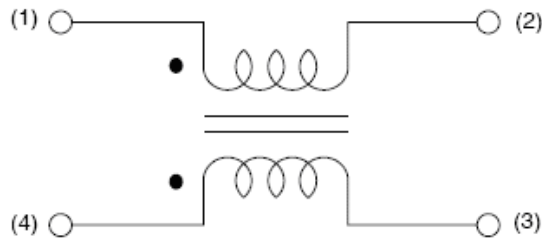
SPECIFICATIONS

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 _r	V _{bc}	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

