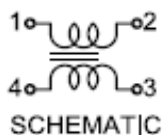
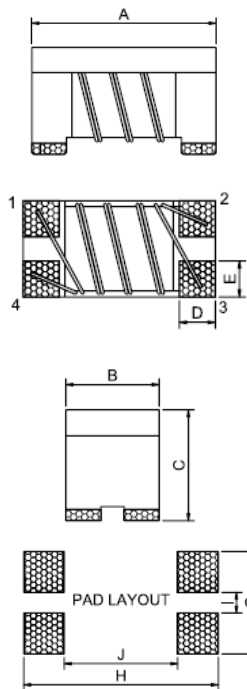


## WIRE WOUND TYPE COMMON MODE FILTER

### ◆ PRODUCT DIMENSIONS



### ◆ PRODUCT IDENTIFICATION

SMD W C M 2012 B H - 900 - 2P

- (1) (2) (3) (4) (5) (6) (7) (8)
- (1) Surface Mount Devices
  - (2) W : Wire Winding Type
  - (3) CM : Common Mode Choke Coil
  - (4) Dimension
  - (5) Design Code
  - (6) **High Frequency Application**
  - (7) Impedance
  - (8) 2P : 2 Lines

### ◆ PRODUCT DIMENSIONS ( in mm)

PRODUCT NO.	A	B	C	D	E	G	H	I	J
SMDWCM2012BH	2.0 ± 0.2	1.2 ± 0.2	1.2 ± 0.2	0.45	0.40	1.20	2.60	0.40	0.80
SMDWCM1608B	1.6 ± 0.1	0.8 ± 0.1	1.1 ± 0.1	0.33	0.25	0.80	2.10	0.20	0.70

### PRODUCT SPECIFICATIONS

Part Number	Common Mode Impedance (Ω) 100MHz/60mV	DC Resistance (Ω) Max.	Rated Current (mA) Max	Rated Voltage (Vdc)	Insulation Resistance (MΩ) Min.
SMDWCM2012BH-900-2P	65 Min(90 typ.)	0.30	300	20	10
SMDWCM1608B-900-2P	90 ± 25%	0.30	300	50	10
SMDWCM1608B-121-2P	120 ± 25%	0.36	250	50	10
SMDWCM1608B-221-2P	220 ± 25%	0.42	200	50	10

## WIRE WOUND TYPE COMMON MODE FILTER

### ◆ FEATURES

- Effective for common mode noise suppression in digital equipment which radiation is caused from cables .
- The common mode choke coils structure enables noise suppression without degrading the signal.
- S.M.T Type.
- Excellent solder ability and heat resistance.
- Suitable for flow and reflow soldering.
- ROHS Complied.

### ◆ APPLICATIONS

- Interface : LVDS for LCD,IEEE 1394,USB,HDMI
- Notebooks, personal computers and peripherals .
- High density digital equipments .

### ◆ OPERATING TEMPERATURE:

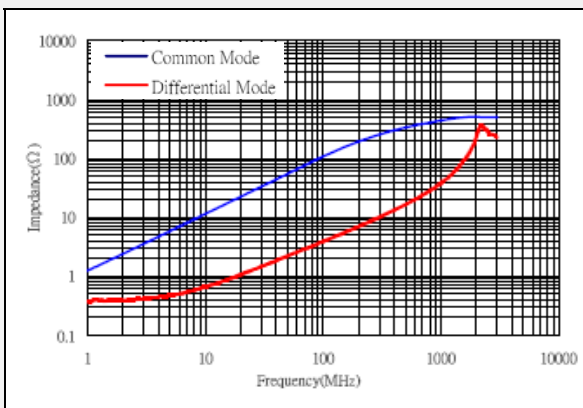
-25 ~ 85°C

### ◆ TEST EQUIPMENTS AND TEST SETUP

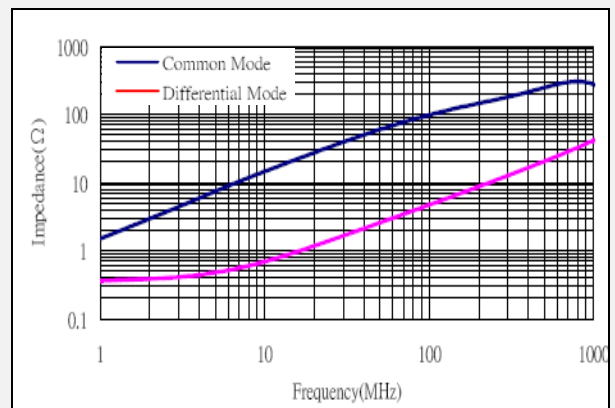
**Z** tested by Agilent E4991A RF Impedance Analyzer with HP16197A Test Fixture.

**DCR** tested by Milli-ohm meter.

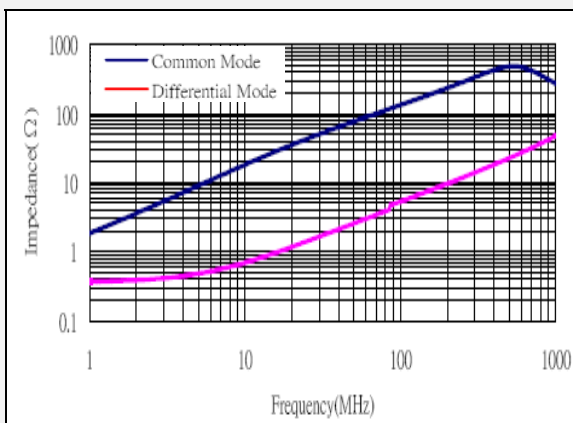
SMDWCM2012BH-900-2P



SMDWCM1608B-900-2P



SMDWCM1608B-121-2P



SMDWCM1608B-221-2P

