

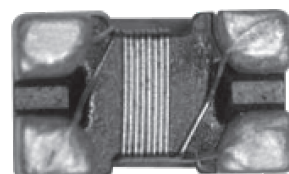


SKCMW Series

Coil Type Inductor

FEATURES

- High frequency common mode impedance has good noise suppression
- The CMW series has a small size and a flat and thin appearance



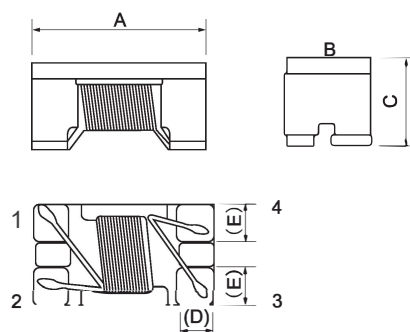
APPLICATIONS

- Common mode noise suppression of frequency conversion signal lines and personal computers, computer peripherals and high-density assembled electronic devices

PRODUCT IDENTIFICATION

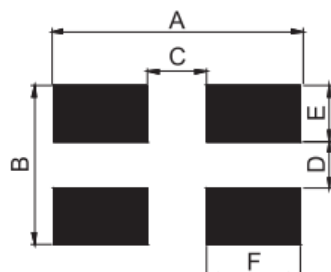
	SKCMW	2012	—	160	T	2	
Product Code							Number of circuits
Dimension: L×W(mm)							Magnetic shield D: No shielded magnetic cover T: Has a shielded magnetic cover
							Impedance value 100 : 10Ω 161 : 160Ω

SHAPE AND DIMENSIONS



Type Specification	Units: mm				
	Product Size				
	A	B	C	D	E
SKCMW2012	2.0±0.2	1.2±0.2	1.2±0.2	0.6	0.6
SKCMW3216	3.2±0.2	1.6±0.2	1.9±0.2	0.6	0.6

RECOMMENDED PAD SIZE



Type Specification	Units: mm					
	Recommended Pad Size					
	A	B	C	D	E	F
SKCMW2012	2.3	1.7	0.8	0.3	0.5	0.75
SKCMW3216	3.8	2.0	1.8	0.4	0.8	1.0



SPECIFICATIONS

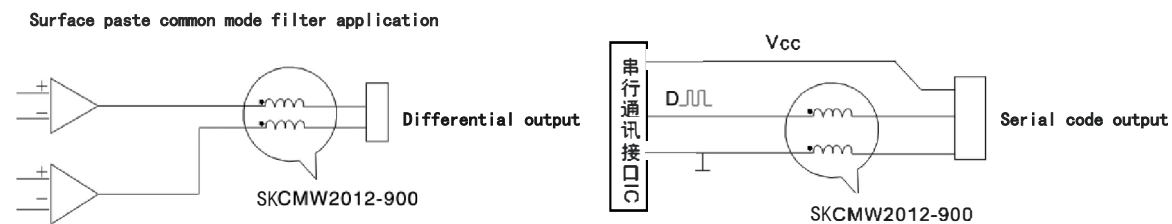
SKCMW2012 TYPE

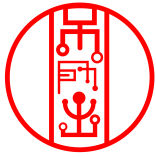
Part Number	Common-mode impedance $ z $	Impedance deviation	$ z $ Test frequency	Max. DC Resistance	Max. Rated Current	Rated voltage	Max. Insulation resistance
Units	Ω	—	MHz	Ω	mA	V	M Ω
Symbol	Z	—	F	DCR	I _r	U _e	R
SKCMW2012-670T2	67	±25%	100	0.25	400	50	10
SKCMW2012-900T2	90	±25%	100	0.35	400	50	10
SKCMW2012-121T2	120	±25%	100	0.35	400	50	10
SKCMW2012-161T2	160	±25%	100	0.35	350	50	10
SKCMW2012-181T2	180	±25%	100	0.35	330	50	10
SKCMW2012-221T2	220	±25%	100	0.38	300	50	10

SKCMW3216 TYPE

Part Number	Common-mode impedance $ z $	Impedance deviation	$ z $ Test frequency	Max. DC Resistance	Max. Rated Current	Rated voltage	Max. Insulation resistance
Units	Ω	—	MHz	Ω	mA	V	M Ω
Symbol	Z	—	F	DCR	I _r	U _e	R
SKCMW3216-900T2	90	±25%	100	0.30	400	50	10
SKCMW3216-221T2	220	±25%	100	0.45	310	50	10
SKCMW3216-601T2	600	±25%	100	0.80	260	50	10
SKCMW3216-102T2	1000	±25%	100	1.00	230	50	10
SKCMW3216-222T2	2200	±25%	100	1.20	200	50	10

Typical Application Circuit Diagram





TYPICAL ELECTRICAL CHARACTERISTICS

SKCMW2012 TYPE

