



Multilayer chip Common mode inductors

FEATURES

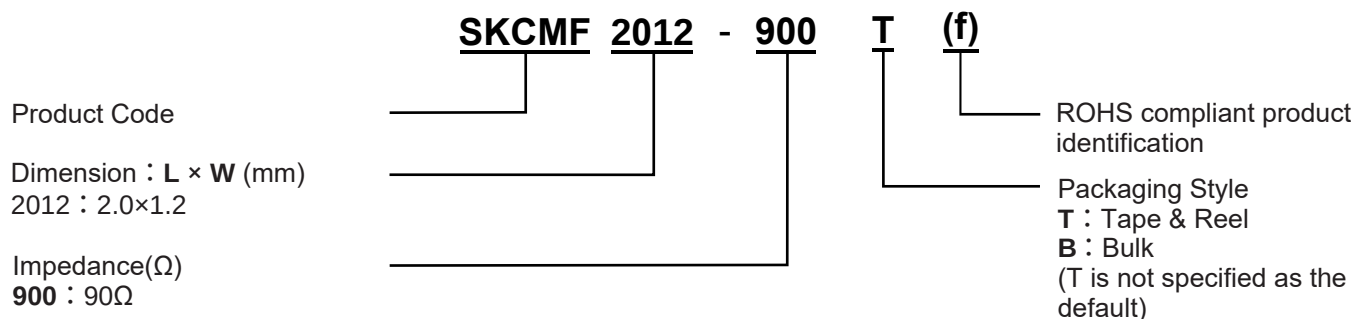
- Used in a wide frequency band, it provides excellent common-mode signal suppression, and has minimal interference to high-speed differential mode signals, which can effectively suppress radiation interference
- Good weldability and heat resistance, suitable for reflow welding

APPLICATIONS

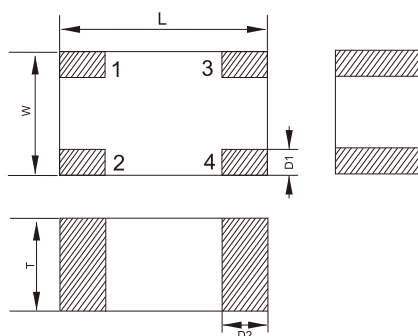
- USB2.0, OE Main line 1394 high-speed data transmission line
- Car navigation system, LCD TV, the latest GSM and W-CDMA mobile phones
- PC related; Scanner, data transmission line, CD burner, printer



PRODUCT IDENTIFICATION



STANDARD EXTERNAL DIMENSIONS



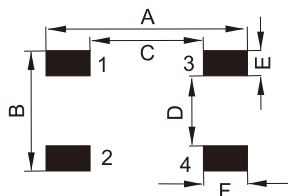
SKCMF2012
Outline structure diagram

Unit: mm

Specification	Product size				
	L	W	T	D1	D2
SKCMF2012	2.00±0.20	1.25±0.20	0.90±0.10	0.40±0.15	0.45±0.2



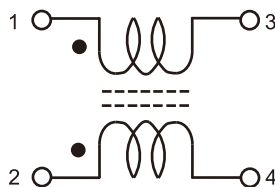
RECOMMENDED PAD SIZE



Unit: mm

Specification	Recommended pad size					
	A	B	C	D	E	F
SKCMF2012	2.3	1.3	0.8	0.5	0.4	0.75

Schematic Diagram



SPECIFICATIONS

SKCMF2012 TYPE

Part Number	Common-mode impedance	Impedance test frequency	Max. DC Resistance	Rated Current	Insulation resistance min
Units	Ω	MHz	Ω	mA	M Ω
Symbol	Z	F	DCR	Ir	R
SKCMF2012-900	$90 \pm 25\%$	100	1.5	100	100
SKCMF2012-121	$120 \pm 25\%$	100	2.0	100	100
SKCMF2012-221	$220 \pm 25\%$	100	3.0	100	100
SKCMF2012-361	$360 \pm 25\%$	100	4.0	100	100

TYPICAL ELECTRICAL CHARACTERISTICS

SKCMF2012-900

