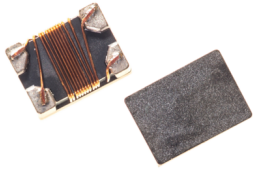


SCM Series



Features

Low profile and very small size SMD Design, Wound Chip constructure with standard 121009 and 201212 size, Best EMI suppression effect least impact to High Speed signal integrity.

Applications

High Speed signal.

Product Identification

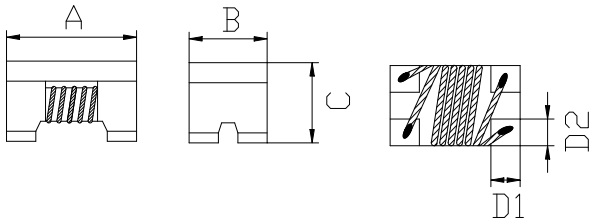
SCM XXXXXX HSTL - XXX
For example:SCM201212HSTL-120

General Specifications

Test frequency.....100MHz
Parameters Test Temp..... 25℃
Operation Temp.....-20℃ to +105℃
(Including temperature Rise)
Storage Temp.....0~40℃
Storage Humidity.....<70% RH
Resistance to Soldering Heat.....260℃ for 10 sec
Temperature Rise.....40℃ Typ. at Rated Current

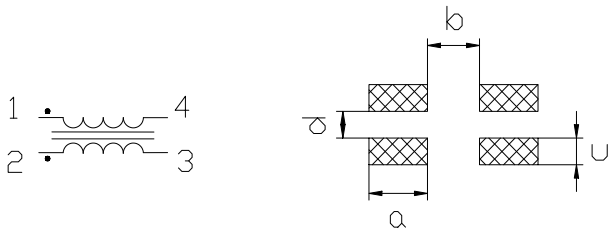
Shape And Dimensions

Dimensions In mm



TYPE	A	B	C	D1	D2	a	b	c	d
	±0.2	±0.2	±0.2	Ref	Ref	Ref	Ref	Ref	Ref
121009	1.20	1.00	0.90	0.36	0.38	0.45	0.60	0.45	0.30
201212	2.00	1.20	1.20	0.45	0.40	0.90	0.80	0.40	0.40

Electrical Schematic & PAD Layout



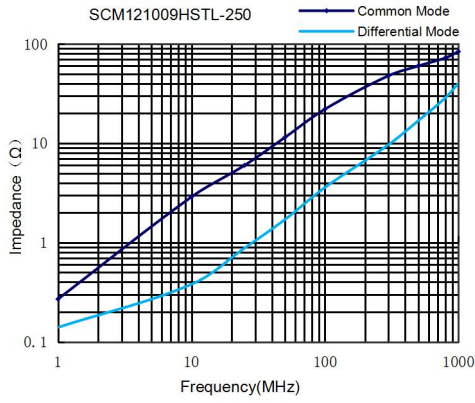
Standard Specifications

Stamp	Impedance (Ω)	Tolerance (±)	Test Frequency (MHz)	CUT-OFF FREQUENC (GHz)Typ	DCR (Ω) Max	Rated Current (mA) Max
SCM121009HSTL-250	25	25%	100	7.5	0.25	420
SCM121009HSTL-600	60	25%	100	6.0	0.25	400
SCM121009HSTL-900	90	25%	100	6.0	0.30	400
SCM201212HSTL-120	12	25%	100	7.5	0.20	450
SCM201212HSTL-240	24	25%	100	7.5	0.25	420
SCM201212HSTL-320	32	25%	100	7.5	0.25	400
SCM201212HSTL-670	67	25%	100	6.0	0.25	400
SCM201212HSTL-900	90	25%	100	6.0	0.30	400

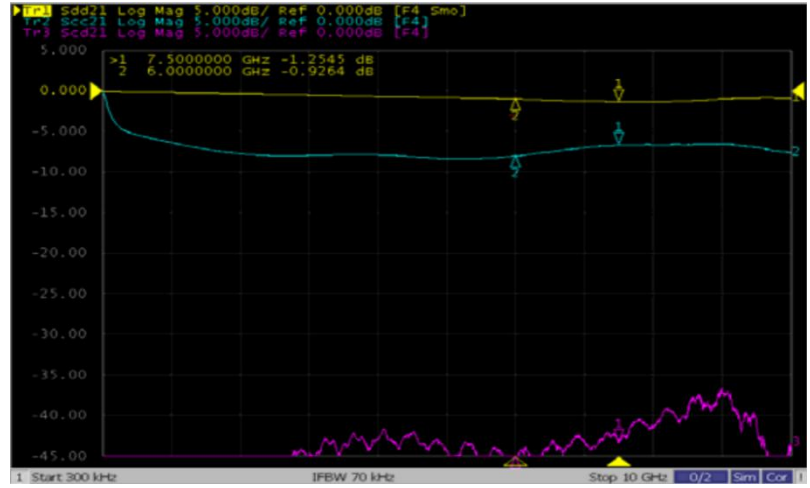
*All the data listed in this catalogue are for reference only, JENG SHI reserves the right to alter or revise the specifications without prior notification.

*Beyond the above specification also can meet the special requirements. Need detailed content Please to the website query or contact us.

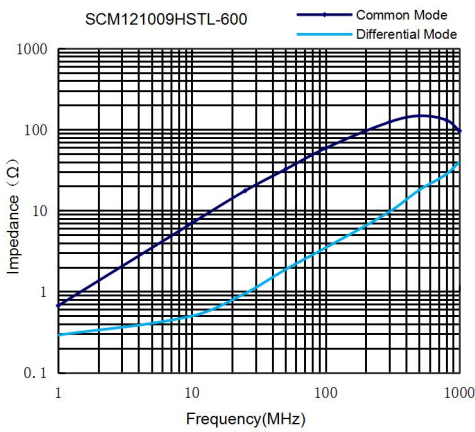
SCM121009HSTL-250 Z Curve



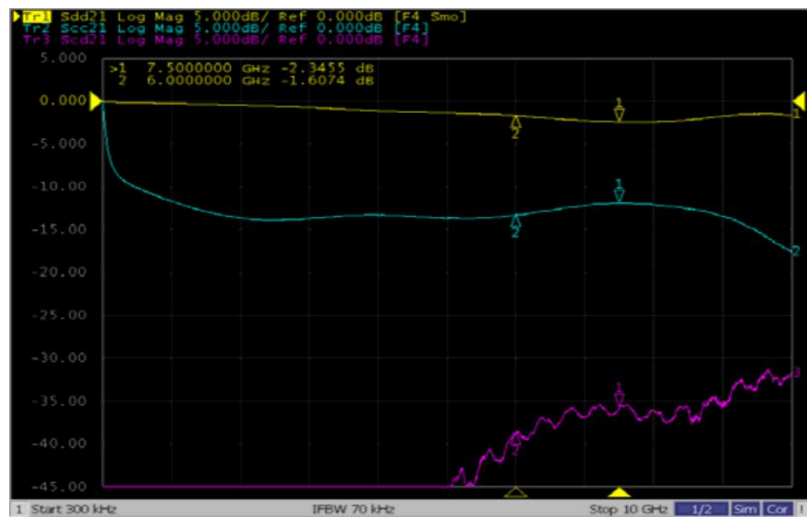
SCM121009HSTL-250 Insertion Loss Curve



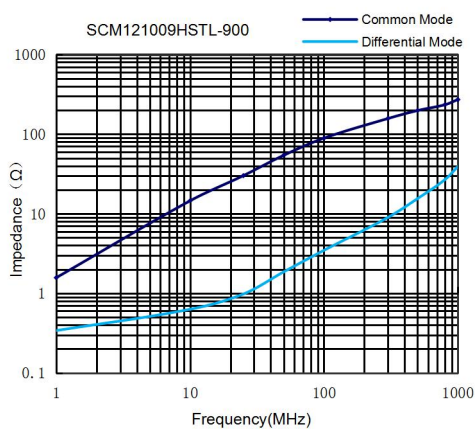
SCM121009HSTL-600 Z Curve



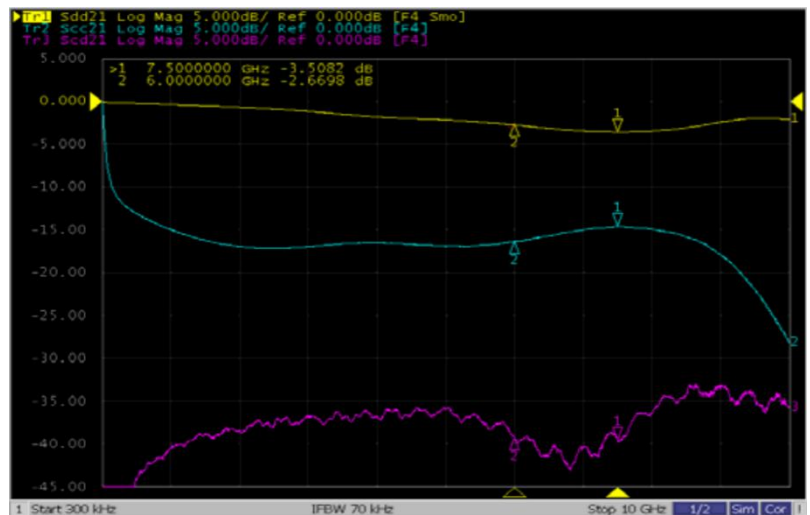
SCM121009HSTL-600 Insertion Loss Curve



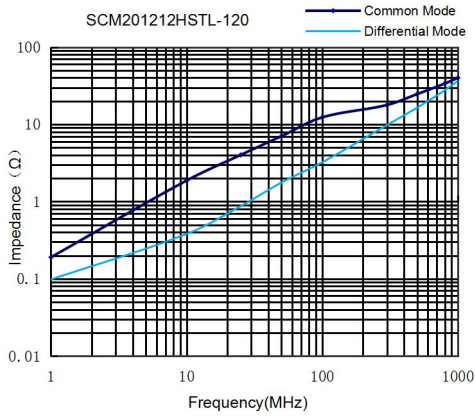
SCM121009HSTL-900 Z Curve



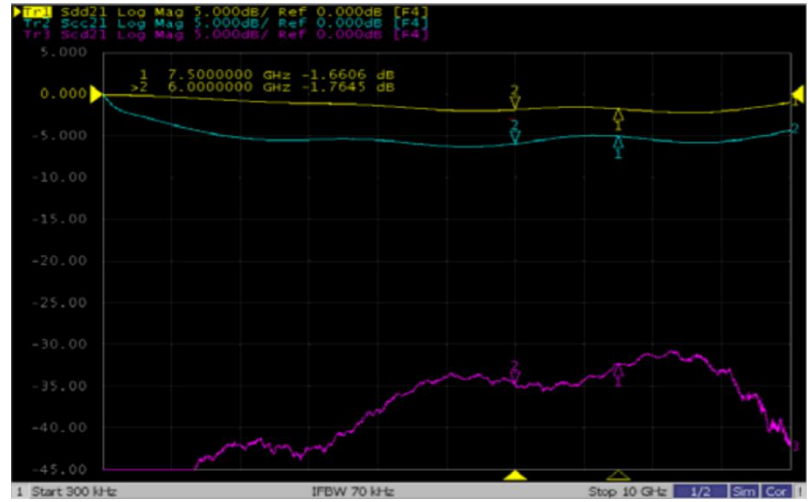
SCM121009HSTL-900 Insertion Loss Curve



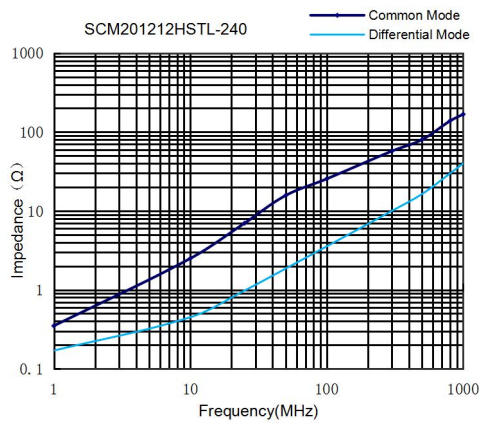
SCM201212HSTL-120 Z Curve



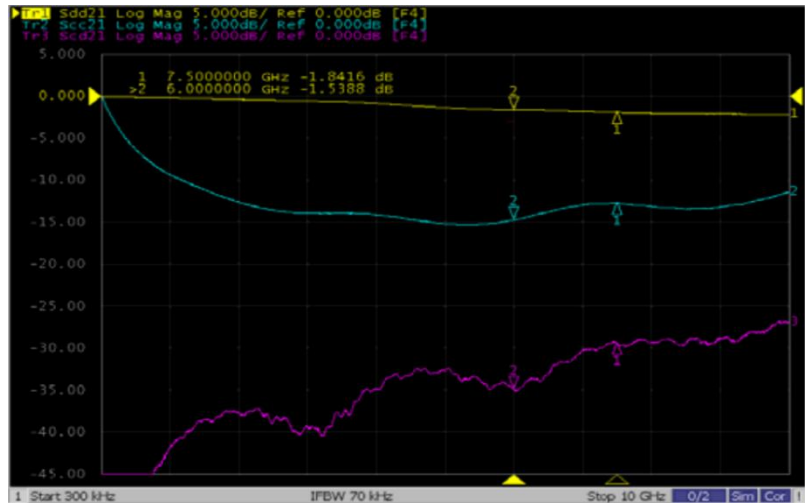
SCM201212HSTL-120 Insertion Loss Curve



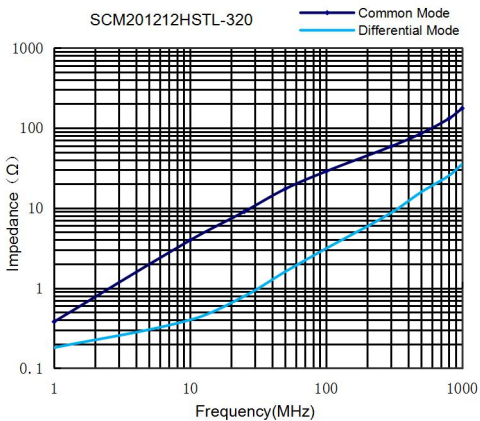
SCM201212HSTL-240 Z Curve



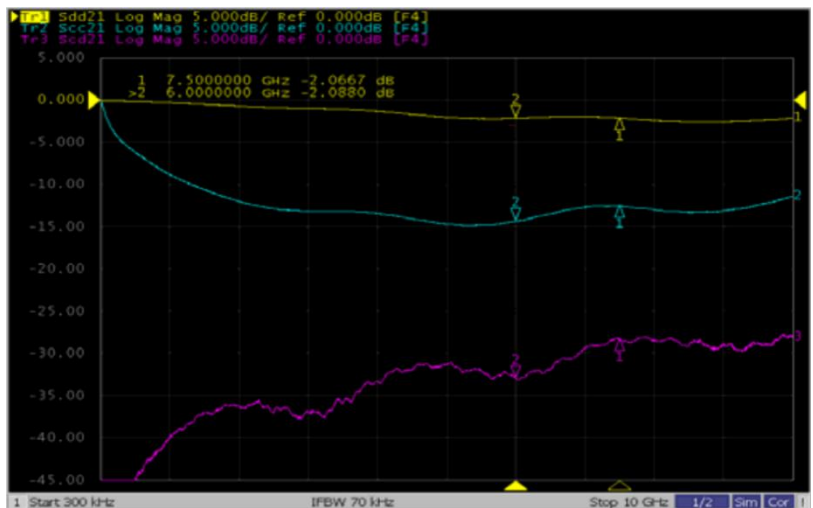
SCM201212HSTL-240 Insertion Loss Curve



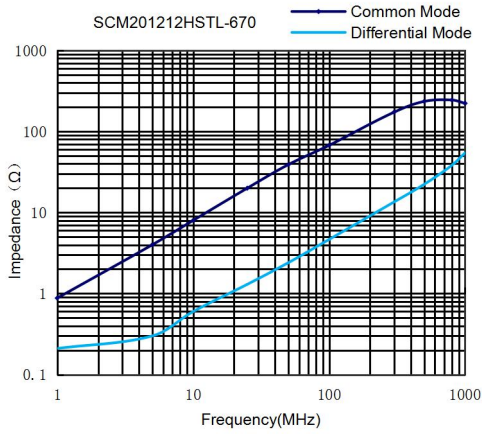
SCM201212HSTL-320 Z Curve



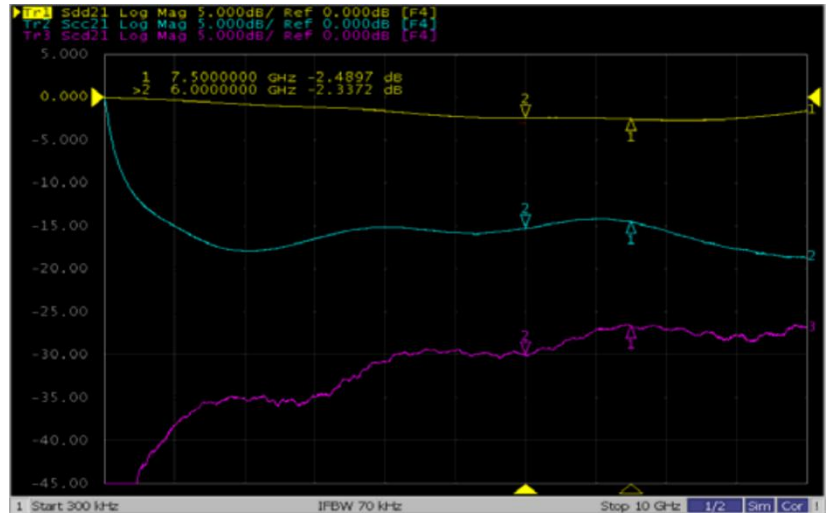
SCM201212HSTL-320 Insertion Loss Curve



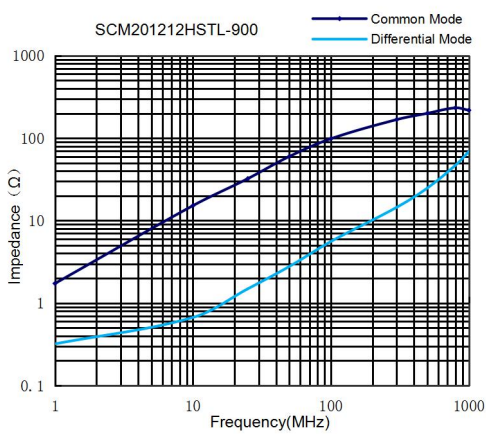
SCM201212HSTL-670 Z Curve



SCM201212HSTL-670 Insertion Loss Curve



SCM201212HSTL-900 Z Curve



SCM201212HSTL-900 Insertion Loss Curve

