

SCMA Series

Features

Powerful components with composite co-fired material to solve EMI problem for high speed differential signal transmission line as USB, and LVDS, without distortion to high speed signal transmission.

Applications

MIPI, MHL serial interface in mobile device.

Product Identification

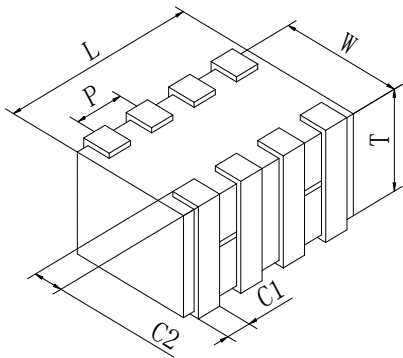
SCMA XXXXXX TL - XXX
For example: SCMA201210TL-900

General Specifications

Test frequency.....100MHz
Parameters Test Temp..... 25℃
Operation Temp..... -40℃ to +85℃
(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

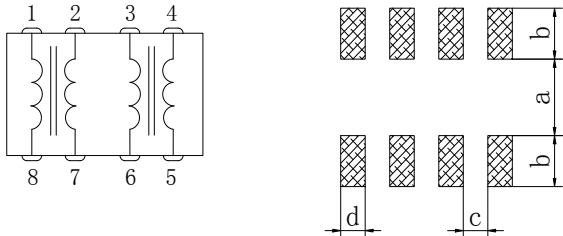
Shape And Dimensions

Dimensions In mm



TYPE	L	W	T	P	C1	C2	a	b	c	d
	±0.2	±0.2	±0.1	±0.2	±0.2	±0.2	Ref	Ref	Ref	Ref
201210	2.00	1.25	1.00	0.50	0.25	0.25	0.75	0.50	0.25	0.25
321610	3.20	1.60	1.00	0.80	0.45	0.30	0.60	1.00	0.40	0.40

Electrical Schematic & PAD Layout



Standard Specifications

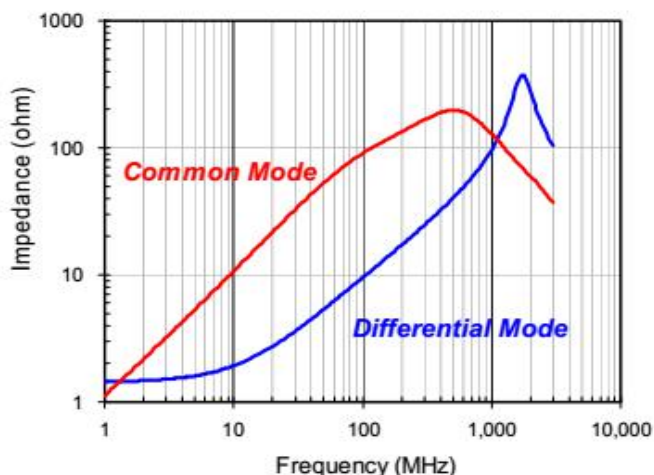
Stamp	Impedance (Ω)(±25%)	Test Frequency (MHz)	DCR (Ω) Max	Rated Current (mA) Max	Rated Voltage (V)	Withstand Voltage (V)	Insulation Resistance (MΩ) Min
SCMA201210TL-900	90	100	0.60	400	10	25	200
SCMA201210TL-121	120	100	0.60	300	10	25	200
SCMA321610TL-670	67	100	0.40	400	10	25	200
SCMA321610TL-900	90	100	0.40	400	10	25	200
SCMA321610TL-121	120	100	0.40	300	10	25	200
SCMA321610TL-181	180	100	0.50	300	10	25	200
SCMA321610TL-221	220	100	0.50	300	10	25	200

*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.

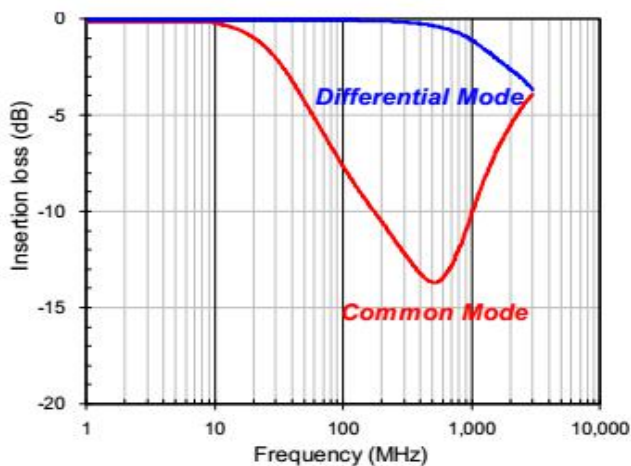
*Beyond the above specification also can meet the special requirements. Need detailed content Please to the website query or contact us.

SCMA201210TL-900

Impedance vs Frequency Characteristics

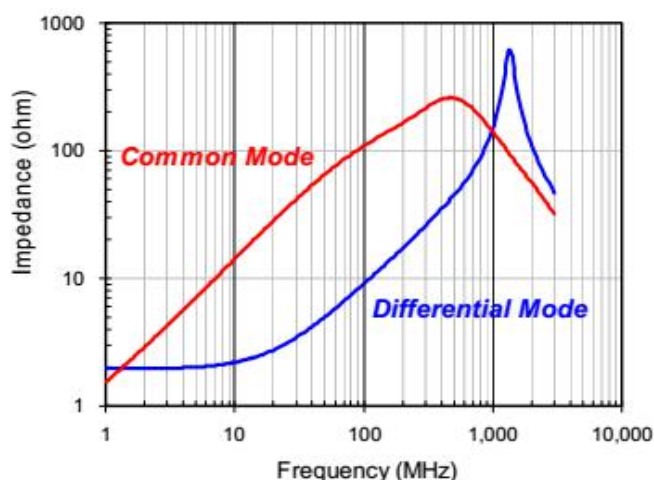


Insertion Loss vs Frequency Characteristics

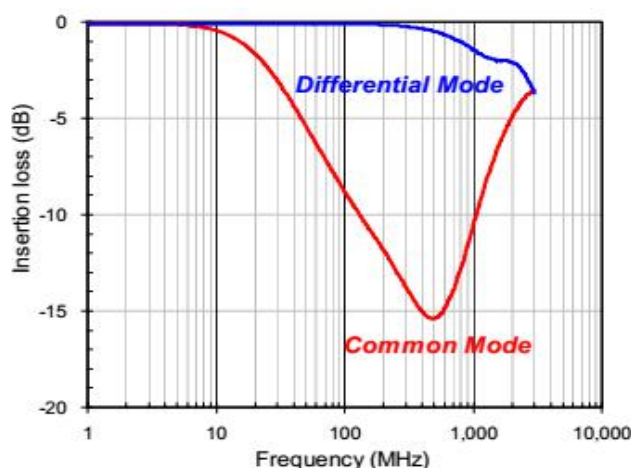


SCMA201210TL-121

Impedance vs Frequency Characteristics

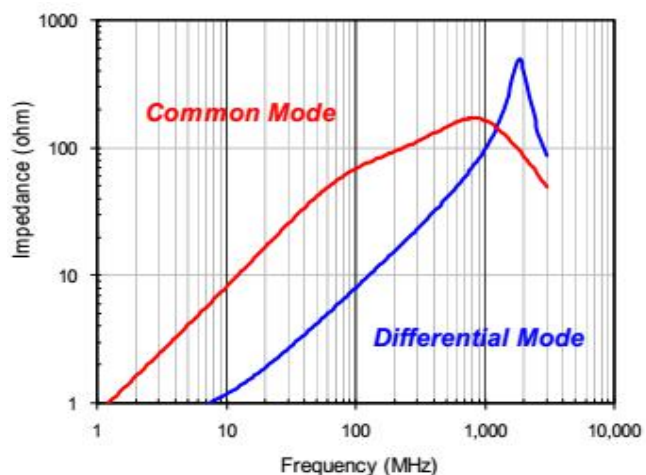


Insertion Loss vs Frequency Characteristics

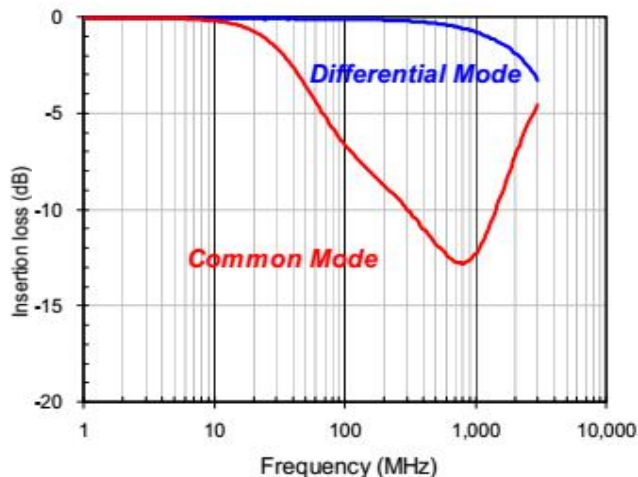


SCMA321610TL-670

Impedance vs Frequency Characteristics

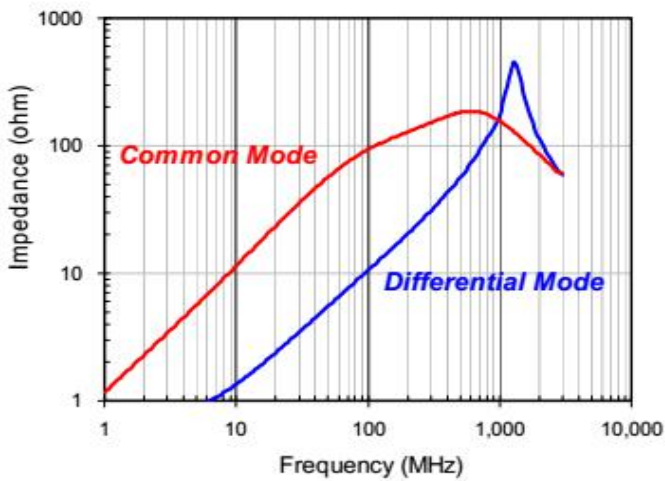


Insertion Loss vs Frequency Characteristics

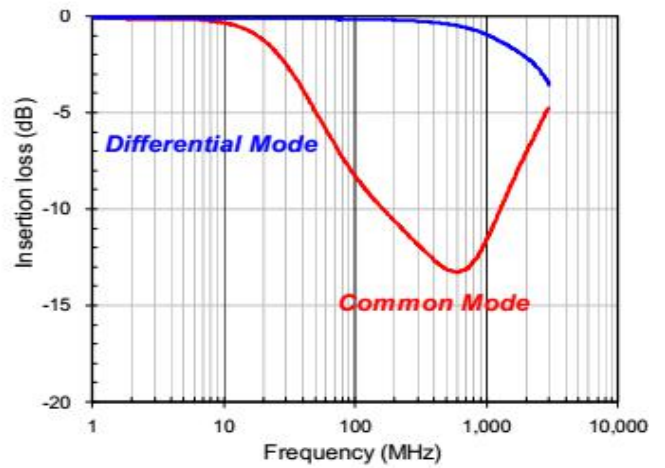


SCMA321610TL-900

Impedance vs Frequency Characteristics

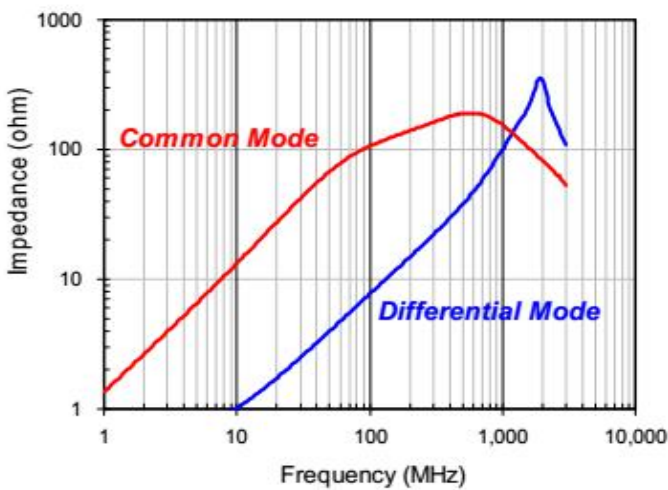


Insertion Loss vs Frequency Characteristics

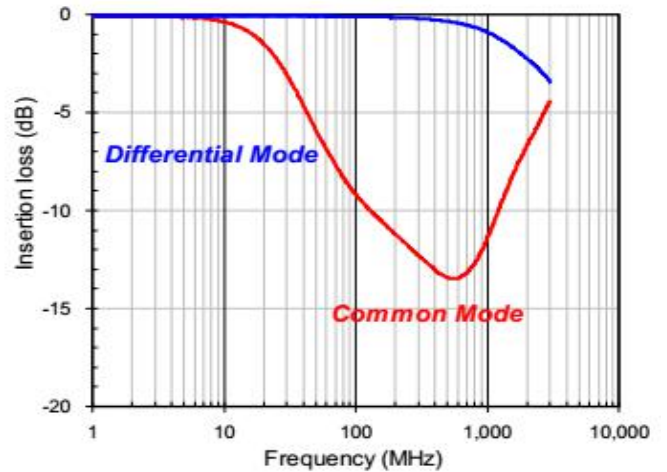


SCMA321610TL-121

Impedance vs Frequency Characteristics

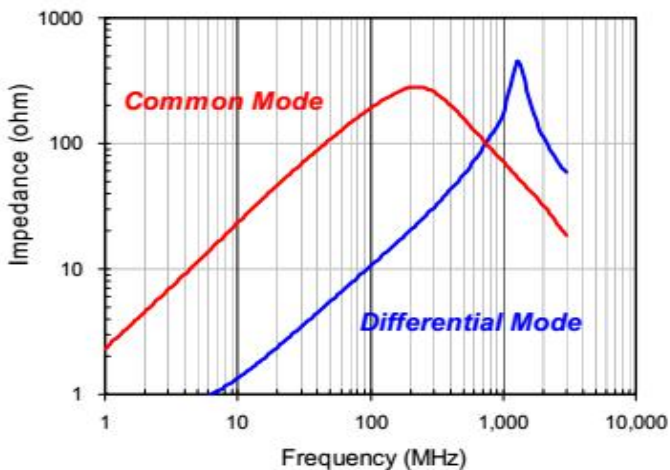


Insertion Loss vs Frequency Characteristics

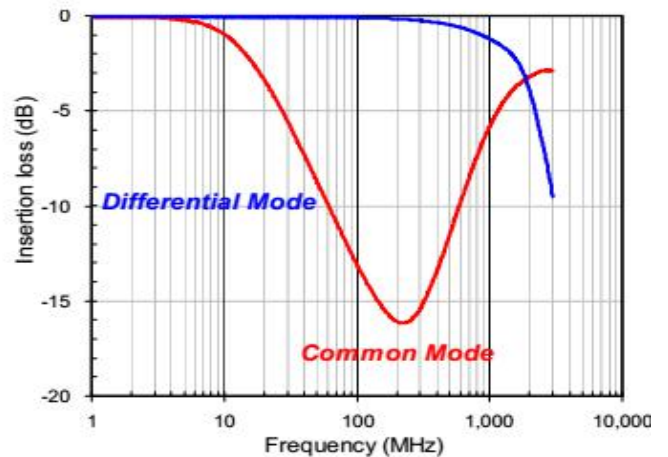


SCMA321610TL-181

Impedance vs Frequency Characteristics

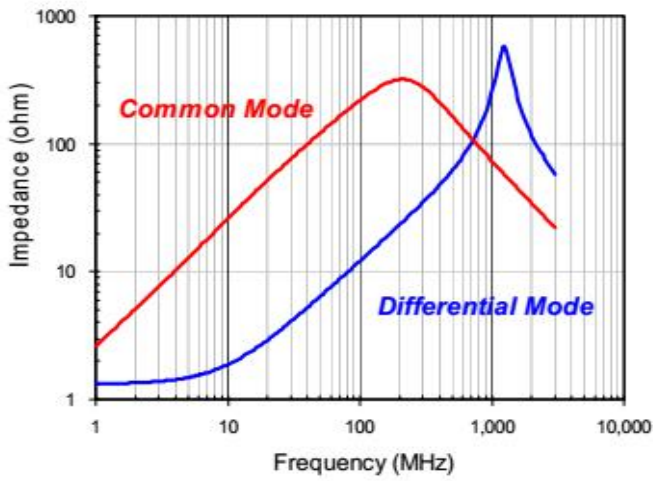


Insertion Loss vs Frequency Characteristics



SCMA321610TL-221

Impedance vs Frequency Characteristics



Insertion Loss vs Frequency Characteristics

