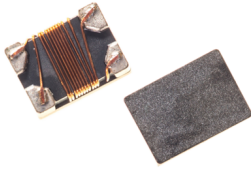


Common Mode Chokes—SCM201212HDMI Series

SCM Series



Features

Low profile and very small size SMD Design,
Wound Chip constructure with standard 201212 size,
With best EMI suppression effect
But least impact to HDMI signal wave form.
Due to match with line impedance of 100 ohmline.

Applications

HDMI

Product Identification

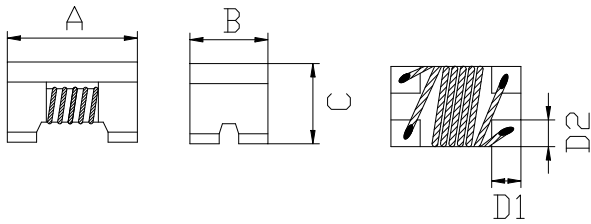
SCM XXXXXX HDMI TL - XXX
For example:SCM201212HDMI TL-400

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

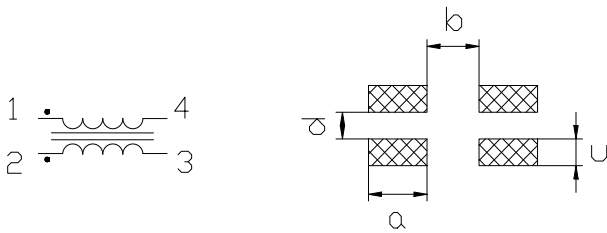
Shape And Dimensions

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
201212	2.00	1.20	1.20	0.45	0.40	0.90	0.80	0.40	0.40

Electrical Schematic & PAD Layout



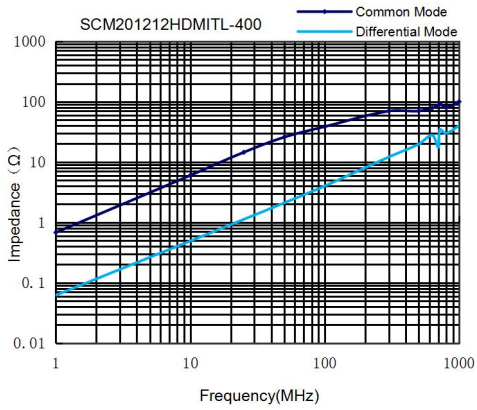
Standard Specifications

Stamp	Impedance (Ω)	Tolerance (±)	Test Frequency (MHz)	DCR (Ω) Max	Rated Current (mA)
SCM201212HDMI TL-400	40	25%	100	0.25	400
SCM201212HDMI TL-670	67	25%	100	0.25	400
SCM201212HDMI TL-900	90	25%	100	0.30	400
SCM201212HDMI TL-121	120	25%	100	0.30	370

*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.

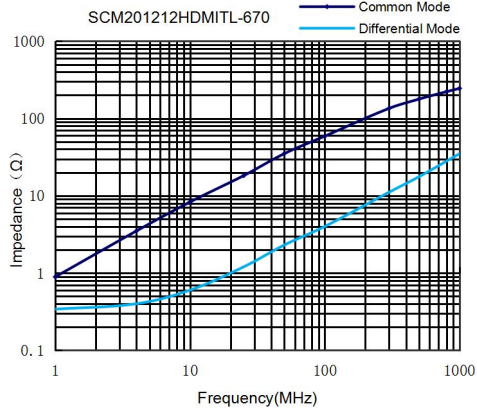
SCM201212HDMITL-400 Z Curve



SCM201212HDMITL-400 Insertion Loss Curve



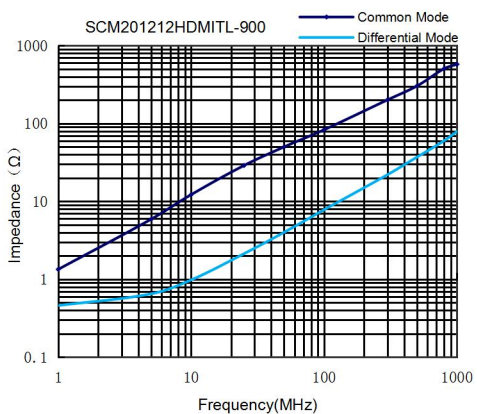
SCM201212HDMITL-670 Z Curve



SCM201212HDMITL-670 Insertion Loss Curve



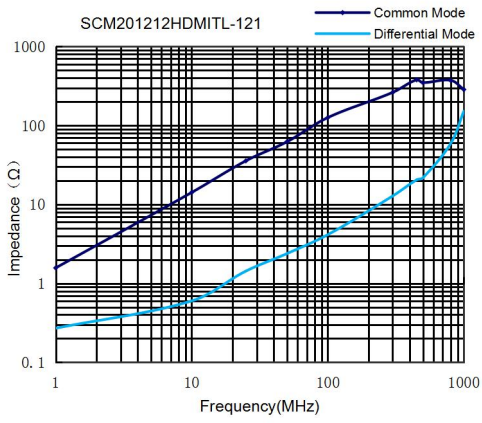
SCM201212HDMITL-900 Z Curve



SCM201212HDMITL-900 Insertion Loss Curve



SCM201212HDMITL-121 Z Curve



SCM201212HDMITL-121 Insertion Loss Curve

