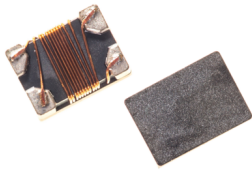


## SCM Series



### Features

Low profile and very small size SMD Design,  
Wound Chip constructure with standard 201212 to  
482822 size, with best EMI suppression effect but least  
impact to data signal wave form.

### Applications

Preventive measure against high speed signal  
radiation emissions such as USB 2.0,  
IEEE 1394 or LAN interface.  
Best for NB, DSC, mobile device design.

### Product Identification

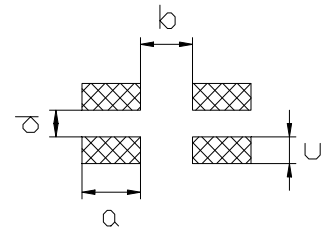
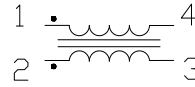
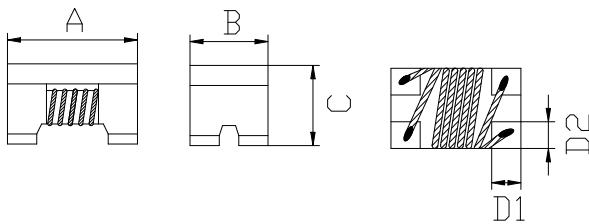
SCM XXXXXX TL - XXX  
For example: SCM453228TL-601

### General Specifications

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

## Shape And Dimensions

## Electrical Schematic & PAD Layout



## 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
321620	3.20	1.60	2.00	0.60	0.60	1.05	1.60	0.60	0.40
453228	4.50	3.20	2.80	1.00	1.00	1.40	2.10	1.60	0.40
482822	4.80	2.80	2.20	0.75	0.75	1.25	3.00	1.00	0.70

## Standard Specifications

Stamp	Impedance (Ω)±25% 100MHz	SCM201212		SCM321620		SCM453228		SCM482822	
		DCR (Ω) Max	Rated Current (mA)	DCR (Ω) Max	Rated Current (mA)	DCR (Ω) Max	Rated Current (mA)	DCR (Ω) Max	Rated Current (mA)
120	12	0.20	450						
240	24	0.25	420						
320	32	0.25	400						
330	33			0.20	400				
500	50	0.25	400	0.25	400				
600	60							0.10	3000
670	67	0.25	400						
750	75	0.70	280						
900	90	0.30	400	0.30	400	0.050	4000		
121	120	0.30	370	0.30	400			0.20	2000
141	140	0.32	360						
161	160	0.35	350	0.40	350				
181	180	0.35	330						
201	200	0.40	300						
221	220	0.40	300	0.45	300			0.20	2000
231	230					0.051	3500		
261	260	0.40	300	0.50	300				
371	370	0.45	280						
421	420					0.052	3200		
501	500			0.80	260				
601	600			0.80	260	0.065	2500	0.20	2000
701	700							0.15	2000
801	800					0.100	2300		
901	900					0.100	2200		
102	1000			1.00	250	0.110	2100	0.40	1000
122	1200							0.40	1000
142	1400					0.120	2000	0.40	1000
222	2200			1.20	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.

