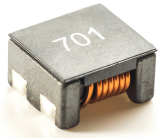


Common Mode Chokes—SCM7060F-1211F Series

SCM Series



Features

From big to small size SMD Design,
Wire wound constructure common mode choke
with best EMI suppression effect high impedance
but very high rated current and low DCR

Applications

Preventive measure against common mode noise
radiation emissions from power line or else
Best for high current circuit such as car,
wireless charging and power device design.

Product Identification

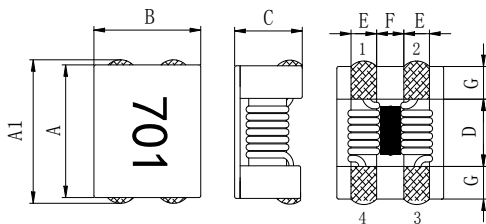
SCM XXXX FTL - XXX
For example:SCM7060FTL-701

General Specifications

Test frequency.....100MHz
Parameters Test Temp..... 25℃
Operation Temp.....-40℃ to +125℃
(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

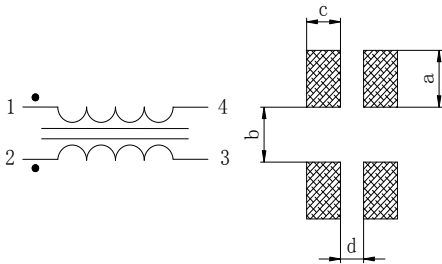
Shape And Dimensions

Dimensions In mm



TYPE	A	A1	B	C	D	E	F	G	a	b	c	d
	±0.5	±0.6	±0.5	Max	Ref	Ref	Ref	Ref	Ref	Ref	Ref	Ref
7060	7.0	7.5	6.0	4.0	3.5	1.5	1.5	1.7	3.0	2.9	1.9	1.3
9070	9.0	9.5	7.0	5.0	5.7	1.5	2.0	1.7	3.0	5.0	2.0	1.8
1211	12.0	12.5	10.8	6.6	7.0	2.7	2.5	2.5	3.9	6.1	3.1	2.3
1513	15.0	15.5	13.0	6.3	9.0	2.7	3.8	3.0	4.2	8.2	3.1	3.2

Electrical Schematic & PAD Layout



Standard Specifications

Stamp	Impedance (Ω) 100MHz	SCM7060		SCM9070		SCM1211		SCM1513	
		DCR (mΩ) Max	Rated Current (A)	DCR (mΩ) Max	Rated Current (A)	DCR (mΩ) Max	Rated Current (A)	DCR (mΩ) Max	Rated Current (A)
400	40 Min	5.0	15						
800	80 Min					4.0	10		
101	100 Min	10	9.0						
301	225 Min	10	5.0	6.0	6.0				
501	400 Min	10	5.0	8.0	5.5				
551	450 Min								
701	500 Min	15	4.0	10	5.0	6.0	8.0		
102	750 Min	17	3.0	13	4.0	14	6.0		
132	910 Min	21	2.5						
222	1700 Min			60	2.5	35	1.8		
272	2000 Min	63	1.0	65	2.0	50	1.5		
302	2500 Min	75	0.9	70	1.9				

*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.

