

## Surface Mount Common Choke SCM Series



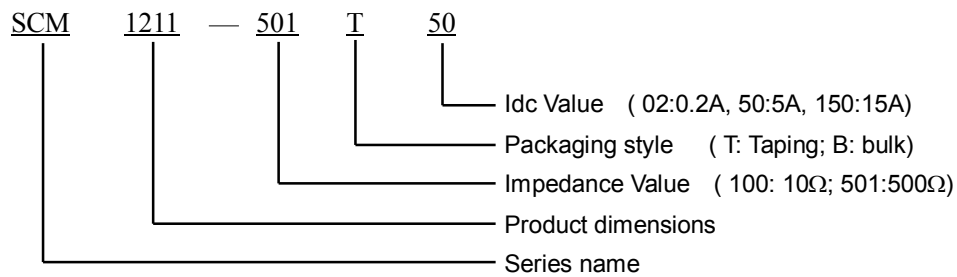
### Features

- SMD construction, and low profile.
- High Impedance and Excellent Frequency Characteristic.
- Self Electromagnetic Shielding.
- Low Magnetic Flux Leakage

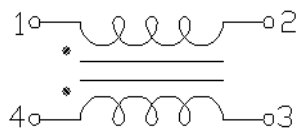
### Applications

- LED Light, TV game, Monitor, etc. EMI common-mode noise.

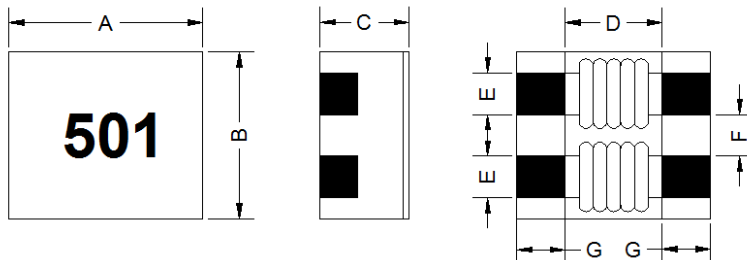
### PRODUCT IDENTIFICATION



### SCHEMATIC



### SHAPES AND DIMENSIONS Unit:mm



Part Number	A	B	C	D	E	F	G
SCM7060	7.0±0.5	6.0±0.5	3.8 Max	3.5 Ref	1.5±0.2	1.5±0.2	1.75±0.2
SCM9070	9.0±0.5	7.0±0.5	4.8 Max	5.7 Ref	1.5±0.2	2.0±0.2	1.70±0.2
SCM1211	12.0±0.5	10.8±0.5	6.4 Max	7.0 Ref	2.7±0.2	2.5±0.2	2.50±0.2

## ELECTRICAL CHARACTERISTICS

Part Number	Z( $\Omega$ )		DCR Max. (m $\Omega$ )	I <sub>rated</sub> (A) Max	IR (M $\Omega$ ) Min	Rated Voltage (V) Max
	Min	Typ.				
SCM7060-400T150	40	70	5	15.0	10	125
SCM7060-101T90	100	140	10	9.0	10	125
SCM7060-301T50	225	300	10	5.0	10	125
SCM7060-501T50	275	350	10	5.0	10	125
SCM7060-701T40	500	700	15	4.0	10	125
SCM7060-102T30	800	1020	17	3.0	10	125
SCM7060-132T25	910	1300	21	2.5	10	125
SCM7060-272T10	2000	2700	63	1.0	10	125
SCM7060-302T09	2500	3000	75	0.9	10	125

Part Number	Z( $\Omega$ )		DCR Max. (m $\Omega$ )	I <sub>rated</sub> (A) Max	IR (M $\Omega$ ) Min	Rated Voltage (V) Max
	Min	Typ.				
SCM9070-301T60	225	300	6	6.0	10	50
SCM9070-501T55	450	600	8	5.5	10	50
SCM9070-701T50	500	700	10	5.0	10	50
SCM9070-102T40	750	1000	13	4.0	10	50
SCM9070-222T25	1700	2200	60	2.5	10	50

Part Number	Z( $\Omega$ )		DCR Max. (m $\Omega$ )	I <sub>rated</sub> (A) Max	IR (M $\Omega$ ) Min	Rated Voltage (V) Max
	Min	Typ.				
SCM1211-800T100	80	230	2.0	10.0	10	125
SCM1211-701T80	500	700	6.0	8.0	10	125
SCM1211-801T80	600	800	8.0	8.0	10	125
SCM1211-102T60	750	1000	14.0	6.0	10	125
SCM1211-222T18	2200	2500	35.0	1.8	10	125
SCM1211-272T15	2300	2700	50.0	1.5	10	125

- I<sub>rated</sub>: Current that causes a 40°C temperature rise from 25°C ambient.
- Test condition: 100MHz/0.1V for Impedance.