



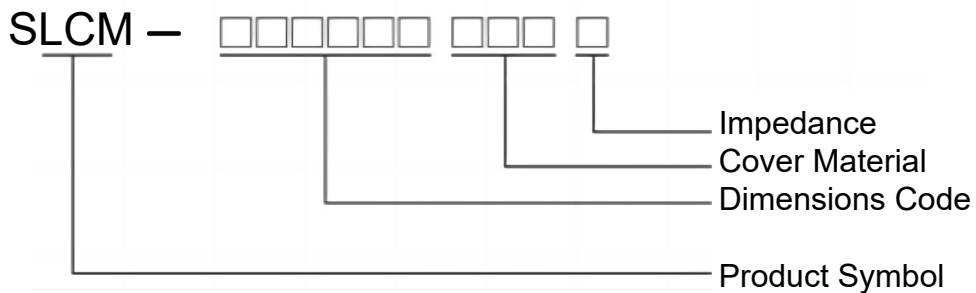
FEATURES

- Current rating up to 1.6 A
- Frequency range to 300 MHz
- Inductance Range: 10 to 6500 uH

APPLICATIONS

- SMI Suppression

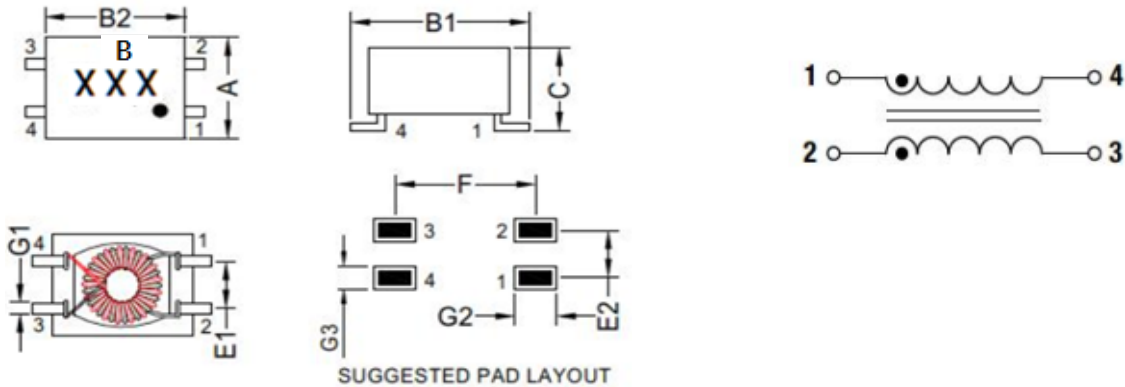
PRODUCT IDENTIFICATION



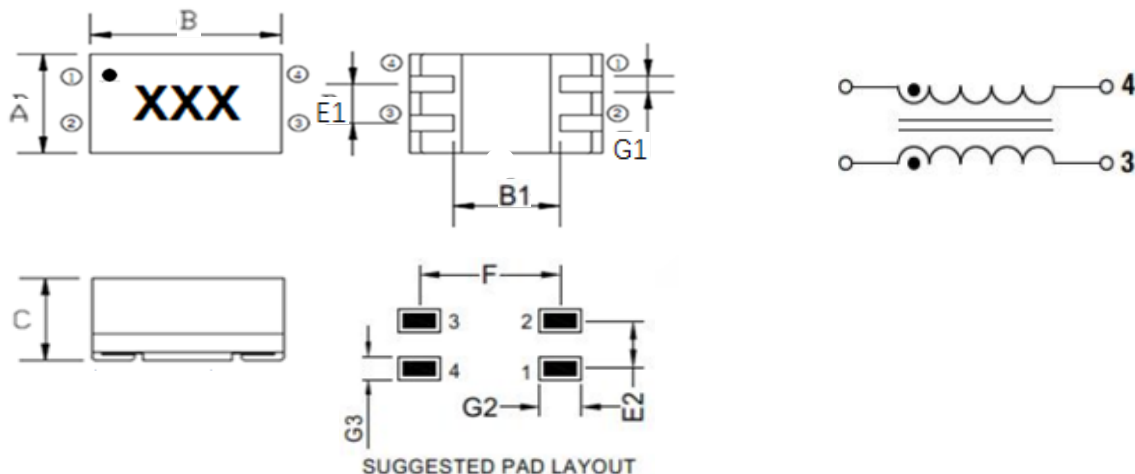
SHAPES & DIMENSIONS

Circuit Diagram

SLCM-B Series



SLCM-C Series



Dimensions in mm

TYPE	A	B	B1	C	E1	G1	E2	F	G2	G3
0905B	6.4MAX	7.5MAX	9.5MAX	5.6MAX	2.54TYP	0.50TYP	2.54TYP	8.90TYP	2.72TYP	1.3TYP
0905C	6.0±0.3	9.2±0.3	5.7TYP	5.0±0.3	2.54±0.2	1.0TYP	2.54TYP	7.5TYP	2.0TYP	1.2TYP

SLCM-B Series Standard Specifications

Part No.	Inductance (uH)	Leakage (uH) MAX.	Test frequency (Hz)	RDC (Ω) Max(1LINE)	Rated current (A)Max.	Rated Voltage (Vdc)	Impedance(Z) Freq. Range (MHz)	Min. Value (Ω)
SLCM-0905B-101	100MIN.	0.4	100K/0.1V	0.3	0.9	50	--	--
SLCM-0905B-201	200MIN.	0.4	100K/0.1V	0.3	0.7	50	--	--
SLCM-0905B-301	200MIN.	0.4	100K/0.1V	0.3	0.7	50	--	--
SLCM-0905B-471	470 +50%/-30%	0.4	100K/0.1V	0.3	0.7	50	--	--
SLCM-0905B-102	1000 +50%/-30%	0.4	100K/0.1V	0.3	0.7	50	--	--
SLCM-0905B-222	2200 +50%/-30%	0.6	100K/0.1V	0.4	0.5	50	--	--
SLCM-0905B-302	3000 +50%/-30%	0.6	100K/0.1V	0.7	0.5	50	--	--
SLCM-0905B-472	4700 +50%/-30%	0.8	100K/0.1V	0.7	0.4	50	--	--

SLCM-C Series Standard Specifications

Part No.	Inductance (uH)	Leakage (uH) MA>	Test frequency (Hz)	RDC (Ω) Max(1LINE)	Rated current (A)Max.	Rated Voltage (Vdc)	Impedance(Z) Freq. Range (MHz)	Min. Value (Ω)
SLCM-0905C-100	10±30%	8	1K/0.1V	0.08	1.6	50	20~300	200
SLCM-0905C-250	25±30%	16	1K/0.1V	0.16	1.0	50	20~150	600
SLCM-0905C-400	40±30%	18	1K/0.1V	0.25	0.9	50	20~100	800
SLCM-0905C-500	50±30%	22	1K/0.1V	0.32	0.8	50	20~100	1500
SLCM-0905C-251	250±50%	0.11	100K/0.05V	0.13	1.2	50	3~20	600
SLCM-0905C-471	470±50%	0.12	100K/0.05V	0.14	1.1	50	2~20	1000
SLCM-0905C-501	500±50%	0.12	100K/0.05V	0.15	1.0	50	1~20	1000
SLCM-0905C-102	1000±50%	0.17	100K/0.05V	0.31	0.8	50	1~15	1500
SLCM-0905C-202	2000±50%	0.25	100K/0.05V	0.42	0.6	50	1~5	3000
SLCM-0905C-472	4700±50%	0.36	100K/0.05V	0.90	0.4	50	0.3~3	4000
SLCM-0905C-652	6500±50%	0.39	100K/0.05V	1.05	0.3	50	0.3~2	5000

•IDC for a 40 °C rise above temperature 25°C ambient

•I.R : 50V(DC)/0.5S, Series test

Test Instrument :

Impedance: TH2829A

DCR: Chroma 16502 OR TH2512B

IDC : Agilent 6641SYSTEM DC POWER SUPPLY OR TH2829A+TH1773