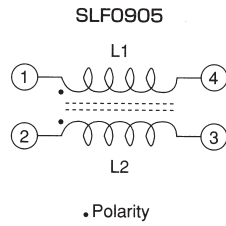
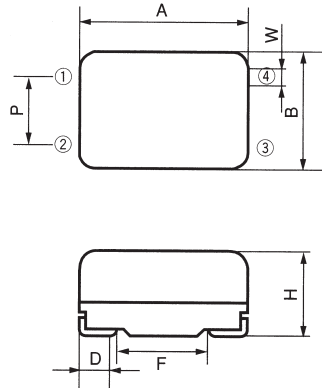


**FERRITE CORE
COMMON MODE CHOKE COIL
SLF**



• Polarity



IDENTIFICATION

MARKING

Black, 3 digits and marking dot

All these products have Pb-free terminations and meet EU-RoHS and China-RoHS requirements

TYPE DESIGNATION (HOW TO ORDER)

SLF	0905	T	TEB	102	Y
PRODUCT CODE	STYLE	TERMINATION SURFACE MATERIAL T: Sn	TAPING* TEB: Tape embossed 13" BK: Bulk *Please see "PACKAGING"	NOMINAL INDUCTANCE 3 digits (Unit: μ H)	INDUCTANCE TOLERANCE (see rating table)

Contact us when you have control request for environmental hazardous material other than the substance specified by EU-RoHS

FEATURES

- Surface mount type thin common mode choke coil
- Suitable for power supplies and for noise clearance on signal lines
- Operating temperature range: - 20° C ... + 80° C
- Suitable for reflow soldering

DIMENSIONS (mm)

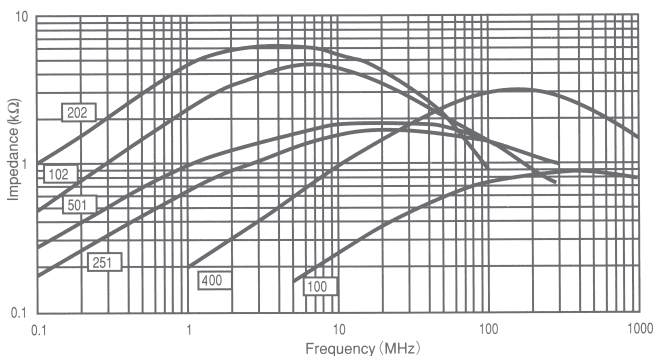
TYPE	A	B	H	D	P	F	W
SLF 0905	9.20 ± 0.3	6.00 ± 0.3	5.00 ± 0.2	1.40 Max.	2.54 ± 0.2	5.70 (Ref.)	1.00 ± 0.1

RATING

TYPE	NOMINAL INDUCTANCE AND CODE	INDUCTANCE TOLERANCE L1 • L2	DC RESISTANCE (MAX.)	ALLOWABLE DC CURRENT (MAX.)	MEASURING FREQUENCY
SLF 0905	10 μ H 100	Y (\pm 30%)	80 m Ω	1600 mA	1 kHz
	40 μ H 400		250 m Ω	900 mA	
	250 μ H 251		130 m Ω	1200 mA	
	500 μ H 501	Y (\pm 50%)	150 m Ω	1000 mA	100 kHz
	1000 μ H 102		310 m Ω	800 mA	
	2000 μ H 202		420 m Ω	600 mA	

IMPEDANCE vs. FREQUENCY CHARACTERISTICS

SLF 0905



Avoid strong pressure or excessive shock at mounting or after mounting because electric/magnetic characteristics may change if it is applied to the inductors.

Contact our sales representatives before you use our products for applications including automobiles, medical equipment and aerospace equipment. Malfunction or failure of the products in such applications may cause loss of human life or serious damage.

Specifications given herein may be changed at any time without prior notice. Please confirm technical specifications before you order/use.