Coilmaster Electronics Co., Ltd.
9F-3 No.398, Huan Bei Rd. Chung Li City, Taoyuan 320, Taiwan
Tel : +886-3-422-8279 Fax : +886-3-422-8734
E-mail :info@coilmaster.com.tw
Web Site : www.coilmaster.com.tw

SSB3010D SERIES

Low Profile Power Inductors

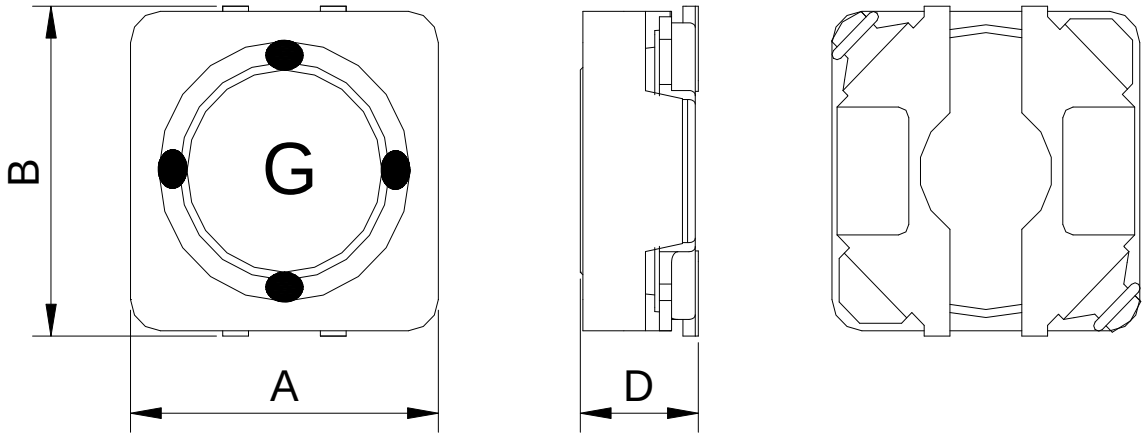
RoHS Compliant

PART NUMBERING SYSTEM

SSB	3010D	—	3 R 3 N	—	LF
TYPE	DIMENSIONS		INDUCTANCE		LEAD FREE

SHAPES AND DIMENSIONS

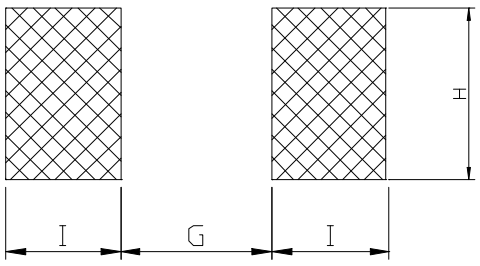
UNIT : mm



A=3.1 Max. B=3.1 Max. D=1.0 Max.

RECOMMENDED PATTERNS

UNIT : mm



G=0.6 H=3.3 I=1.3

Coilmaster Electronics Co., Ltd.
9F-3 No.398, Huan Bei Rd. Chung Li City, Taoyuan 320, Taiwan
Tel : +886-3-422-8279 Fax : +886-3-422-8734
E-mail :info@coilmaster.com.tw
Web Site : www.coilmaster.com.tw

SSB3010D SERIES

Low Profile Shielded Power Inductors

RoHS Compliant

ELECTRICAL CHARACTERISTICS :

PART NUMBER	INDUCTANCE (μH)	DCR (Ω) Max.(Typ.)	Isat (A) (Max.)	Irms (A) (Max.)	Stamp
SSB3010D-1R2N-LF	1.2±30%	86.4m(72m)	1.30	1.60	B
SSB3010D-1R5N-LF	1.5±30%	0.103(86m)	1.10	1.45	C
SSB3010D-2R2N-LF	2.2±30%	0.144(0.12)	0.95	1.25	E
SSB3010D-3R3N-LF	3.3±30%	0.204(0.17)	0.80	1.00	G
SSB3010D-4R7M-LF	4.7±20%	0.300(0.25)	0.65	0.85	I
SSB3010D-5R6M-LF	5.6±20%	0.360(0.30)	0.60	0.78	J
SSB3010D-6R8M-LF	6.8±20%	0.420(0.35)	0.55	0.70	K
SSB3010D-100M-LF	10±20%	0.588(0.49)	0.45	0.60	M
SSB3010D-150M-LF	15±20%	0.816(0.68)	0.38	0.50	O
SSB3010D-220M-LF	22±20%	1.200(1.00)	0.33	0.40	Q

- Inductance tested at 100 kHz, 0.1 Vrms, 0 Adc using an Agilent/HP 4284B LCR meter or equivalent.
- Isat : DC current at which the inductance drops 30% (typ) from its value without current.
- Irms: The actual current when temperature of coil becomes △40°C . (Ta=+25°C)
  Operating temperature range -40°C to +85°C , Electrical specifications at 25°C.