

SSB4015D SERIES

Low Profile Power Inductors



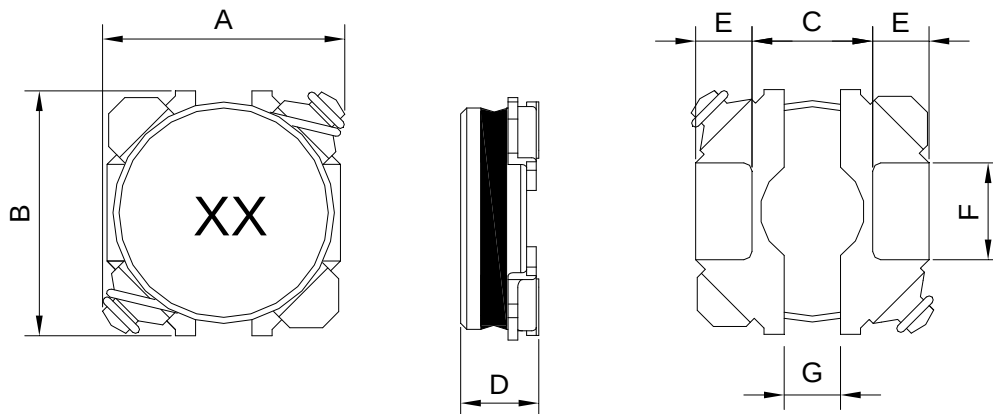
RoHS Compliant

PART NUMBERING SYSTEM

SSB	4015D	—	150M	—	LF
TYPE	DIMENSIONS		INDUCTANCE		LEAD FREE

SHAPES AND DIMENSIONS

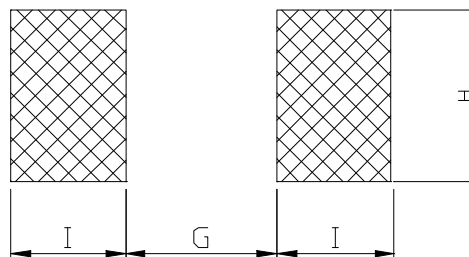
UNIT : mm



A=4.1 Max. B=4.1 Max. D=1.5 Max.

RECOMMENDED PATTERNS

UNIT : mm



G=1.0 H=4.3 I=1.6

SSB4015D SERIES

Low Profile Shielded Power Inductors



RoHS Compliant

ELECTRICAL CHARACTERISTICS :

PART NUMBER	INDUCTANCE (μ H)	DCR (Ω) Max.(Typ.)	Isat (A) (Max.)	Irms (A) (Max.)	Stamp
SSB4015D-1R0N-LF	1.0 $\pm$ 30%	57.6m(48m)	3.60	1.85	3A
SSB4015D-1R5N-LF	1.5 $\pm$ 30%	68.4m(57m)	2.90	1.70	3C
SSB4015D-2R2N-LF	2.2 $\pm$ 30%	79.2m(66m)	2.50	1.60	3E
SSB4015D-3R3N-LF	3.3 $\pm$ 30%	0.113(94m)	2.20	1.45	3G
SSB4015D-4R7M-LF	4.7 $\pm$ 20%	0.144(0.12)	1.90	1.30	3I
SSB4015D-100M-LF	10 $\pm$ 20%	0.276(0.23)	1.10	0.95	3M
SSB4015D-150M-LF	15 $\pm$ 20%	0.420(0.35)	0.90	0.75	3O
SSB4015D-220M-LF	22 $\pm$ 20%	0.588(0.49)	0.80	0.63	3Q

- 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 $\Delta 40^{\circ}\text{C}$. (Ta=+25 $^{\circ}\text{C}$)
Operating temperature range -40 $^{\circ}\text{C}$ to +125 $^{\circ}\text{C}$, Electrical specifications at 25 $^{\circ}\text{C}$.