

SMD Power Inductors

Features

- High permissible DC current and low DC resistance in compact size.
- Flat top reliable pick and place handling.
- Routing temperature deflection, suitable for reflow soldering.
- Available in embossed tape and reel packing.



Applications

- Step-up or Step-down converters
- Digital Camcorders
- Car navigation systems, PDAs and others handheld electronic devices

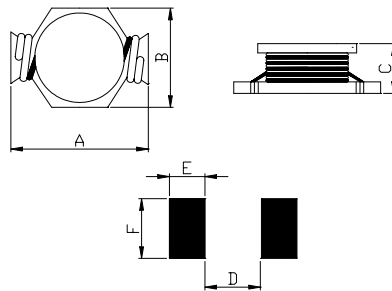
Part Number Systems

SIB - 2208 - 1R5 - M - LF

(1) (2) (3) (4) (5)

(1)	Product series	(2)	Size: 2208
(3)	Inductance Value: 1R0 = 1.5uH	(4)	Inductance Tolerance: M = ± 20%
(5)	ROHs Compliant		

Shape And Dimensions



Mounting Pads

Unit: mm

Type	A (Max)	B (Max)	C (Max)	D Ref.	E Ref.	F Ref.
2208	22.35	16.26	8	14.35	3.18	8.64

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SIB-2208-Series			ELECTRICAL CHARACTERISTICS				
Part Number	Inductance (μ H)	Tolerance	L Test Frequency	SRF (MHz) Typ.	Rdc (Ω) Max	Isat ¹ (A)	Irms ² (A)
SIB-2208-R78M-LF	0.78	M	100KHZ	156	0.0026	30.00	15.00
SIB-2208-1R5M-LF	1.5	M	100KHZ	100	0.0040	25.00	15.00
SIB-2208-2R2M-LF	2.2	M	100KHZ	75	0.0061	20.00	12.00
SIB-2208-3R3M-LF	3.3	M	100KHZ	60	0.0086	17.00	10.00
SIB-2208-3R9M-LF	3.9	M	100KHZ	55	0.010	15.00	9.00
SIB-2208-4R7M-LF	4.7	M	100KHZ	40	0.014	13.00	8.40
SIB-2208-6R0M-LF	6.0	M	100KHZ	35	0.017	12.00	7.50
SIB-2208-7R8M-LF	7.8	M	100KHZ	35	0.018	11.00	7.50
SIB-2208-100M-LF	10	M	100KHZ	28	0.026	10.00	6.00
SIB-2208-150M-LF	15	M	100KHZ	20	0.032	8.00	4.40

* All specifications are subjected to change without prior notice.