



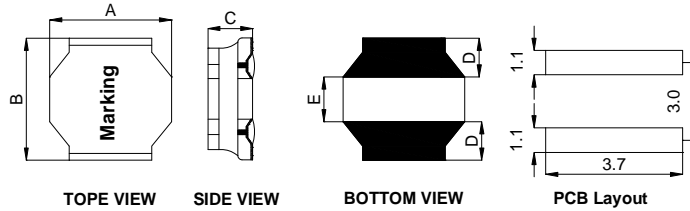
SLNR4320 Series



1. Features:

- Miniature SMD Shielded Power Inductor in a 4.3*4.3mm foot print;
- Low profile : 2.0mm max.height.
- Inductance Range of 1.0uH to 100.0uH ;
- Ideal for DC to DC power converter application ;
- Operating Temperature Range -55°C to + 130°C , RoHs compliance ;
- T & R Qty: 3000 pcs , 13" Reel ;

2. Mechanical Dimension(Unit:mm):



Type	SLNR4320
A	4.0 ± 0.3
B	4.0 ± 0.3
C	2.0 (Max.)
D	0.95 ± 0.3
E	2.1 ± 0.3

3. Electrical Characteristic of SLNR4320 Series:

Part Number	OCL (uH) ± 20% or 30%	DCR (mOhm) ±30%	Isat (A) @25°C	Irms (A) @25°C	SRF (MHz) Min	Marking
SLNR4320-1R0NHF	1.0 , 30%	29.0	4.85	2.15	75	1R0
SLNR4320-1R2NHF	1.2 , 30%	29.0	5.10	2.15	72	1R2
SLNR4320-1R5NHF	1.5 , 30%	35.0	4.45	1.98	71	1R5
SLNR4320-2R2NHF	2.2 , 30%	40.0	3.40	1.85	49	2R2
SLNR4320-3R3NHF	3.3 , 30%	70.0	3.20	1.40	44	3R3
SLNR4320-3R6NHF	3.6 , 30%	55.0	2.80	1.54	49	3R6
SLNR4320-4R7MHF	4.7 , 20%	75.0	2.35	1.34	42	4R7
SLNR4320-5R1MHF	5.1 , 20%	85.0	2.30	1.27	42	5R1
SLNR4320-5R6MHF	5.6 , 20%	90.0	2.20	1.22	30	5R6
SLNR4320-6R2MHF	6.2 , 20%	115.0	2.15	1.08	36	6R2
SLNR4320-6R8MHF	6.8 , 20%	125.0	2.20	1.04	33	6R8
SLNR4320-7R5MHF	7.5 , 20%	115.0	1.85	1.08	30	7R5
SLNR4320-8R2MHF	8.2 , 20%	125.0	1.75	1.04	27	8R2
SLNR4320-100MHF	10.0 , 20%	165.0	1.60	0.90	26	100
SLNR4320-120MHF	12.0 , 20%	175.0	1.50	0.88	26	120
SLNR4320-150MHF	15.0 , 20%	230.0	1.35	0.77	24	150
SLNR4320-220MHF	22.0 , 20%	350.0	1.05	0.62	15	220
SLNR4320-270MHF	27.0 , 20%	545.0	1.02	0.50	14	270
SLNR4320-330MHF	33.0 , 20%	550.0	0.85	0.49	11	330
SLNR4320-390MHF	39.0 , 20%	650.0	0.82	0.46	11	390
SLNR4320-430MHF	43.0 , 20%	660.0	0.77	0.45	10	430
SLNR4320-470MHF	47.0 , 20%	710.0	0.74	0.44	10	470
SLNR4320-510MHF	51.0 , 20%	750.0	0.70	0.42	10	510
SLNR4320-560MHF	56.0 , 20%	800.0	0.66	0.41	10	560
SLNR4320-620MHF	62.0 , 20%	900.0	0.65	0.39	9.6	620
SLNR4320-680MHF	68.0 , 20%	1060.0	0.61	0.36	7.7	680
SLNR4320-750MHF	75.0 , 20%	1120.0	0.60	0.35	7.7	750
SLNR4320-820MHF	82.0 , 20%	1170.0	0.56	0.34	7.2	820
SLNR4320-101MHF	100.0 , 20%	1350.0	0.52	0.31	6.3	101

Note:

- 1.Open Circuit Inductance (OCL) and L@Isat test condition: 100KHz, 1.0V ;(Ta=25°C);
- 2.Isat: DC current that causes inductance to drop by approximately 30% from OCL ; (Ta=25°C);
- 3.Irms: DC current that causes an approximate temperature rise (ΔT) of 40°C ; (Ta=25°C);