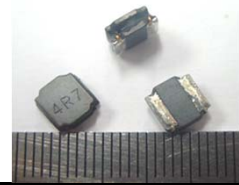




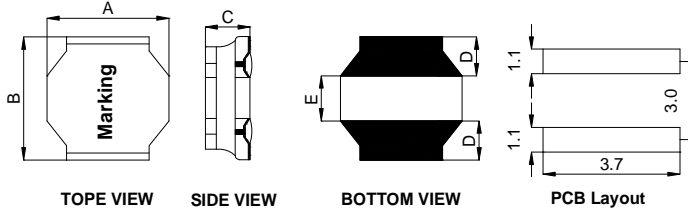
SLNR4330 Series



1. Features:

- Miniature SMD Shielded Power Inductor in a 4.3*4.3mm foot print;
- Low profile : 3.0mm max.height.
- Inductance Range of 0.91uH to 120.0uH ;
- Ideal for DC to DC power converter application ;
- Operating Temperature Range -55°C to + 130°C , RoHs compliance ;
- T & R Qty: 2000 pcs , 13" Reel ;

2. Mechanical Dimension(Unit:mm):



Type	SLNR4330
A	4.0 ± 0.3
B	4.0 ± 0.3
C	3.0 (Max.)
D	0.95 ± 0.3
E	2.1 ± 0.3

3. Electrical Characteristic of SLNR4330 Series:

Part Number	OCL (uH) ± 20% or 30%	DCR (mΩ) ±30%	Isat (A) @25°C	Irms (A) @25°C	SRF (MHz) Min	Marking
SLNR4330-R91NHF	0.91 , 30%	10.0	6.25	4.15	100	R91
SLNR4330-1R2NHF	1.2 , 30%	15.0	5.80	3.82	80	1R2
SLNR4330-1R5NHF	1.5 , 30%	20.0	4.84	3.34	62	1R5
SLNR4330-1R8NHF	1.8 , 30%	25.0	5.40	3.20	60	1R8
SLNR4330-2R2NHF	2.2 , 30%	30.0	4.90	2.95	52	2R2
SLNR4330-3R3MHF	3.3 , 20%	40.0	3.30	2.40	38	3R3
SLNR4330-4R3MHF	4.3 , 20%	55.0	2.95	2.10	37	4R3
SLNR4330-4R7MHF	4.7 , 20%	60.0	2.90	2.00	31	4R7
SLNR4330-5R6MHF	5.6 , 20%	65.0	2.60	1.95	30	5R6
SLNR4330-6R2MHF	6.2 , 20%	70.0	2.50	1.85	29	6R2
SLNR4330-6R8MHF	6.8 , 20%	90.0	2.75	1.60	24	6R8
SLNR4330-7R5MHF	7.5 , 20%	85.0	2.20	1.65	26	7R5
SLNR4330-8R2MHF	8.2 , 20%	90.0	2.10	1.60	26	8R2
SLNR4330-9R1MHF	9.1 , 20%	95.0	2.00	1.55	23	9R1
SLNR4330-100MHF	10.0 , 20%	100.0	1.95	1.50	21	100
SLNR4330-120MHF	12.0 , 20%	135.0	1.70	1.30	18	120
SLNR4330-150MHF	15.0 , 20%	190.0	1.65	1.11	16	150
SLNR4330-180MHF	18.0 , 20%	200.0	1.40	1.10	10	180
SLNR4330-220MHF	22.0 , 20%	225.0	1.30	1.00	10	220
SLNR4330-330MHF	33.0 , 20%	330.0	1.10	0.84	10	330
SLNR4330-360MHF	36.0 , 20%	335.0	1.05	0.83	9.8	360
SLNR4330-390MHF	39.0 , 20%	435.0	1.03	0.73	10	390
SLNR4330-430MHF	43.0 , 20%	440.0	1.00	0.73	9.2	430
SLNR4330-470MHF	47.0 , 20%	445.0	0.95	0.72	8.4	470
SLNR4330-510MHF	51.0 , 20%	470.0	0.90	0.70	8.4	510
SLNR4330-560MHF	56.0 , 20%	555.0	0.85	0.65	8.4	560
SLNR4330-620MHF	62.0 , 20%	585.0	0.80	0.63	7	620
SLNR4330-680MHF	68.0 , 20%	700.0	0.75	0.58	7	680
SLNR4330-750MHF	75.0 , 20%	1020.0	0.70	0.48	6.3	750
SLNR4330-820MHF	82.0 , 20%	1060.0	0.66	0.47	5.6	820
SLNR4330-910MHF	91.0 , 20%	1100.0	0.65	0.46	5.6	910
SLNR4330-101MHF	100.0 , 20%	1150.0	0.60	0.45	5.6	101
SLNR4330-121MHF	120.0 , 20%	1350.0	0.55	0.42	5.4	121

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);