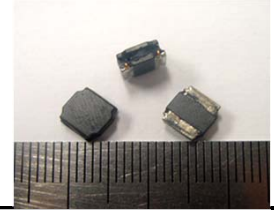


SLNR3315 Series

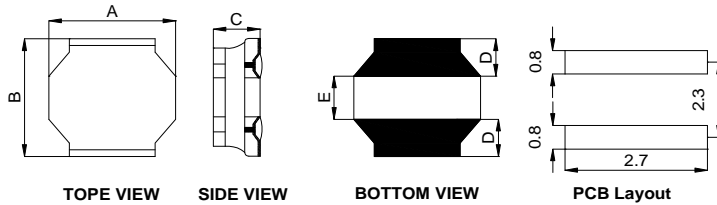


1. Features:

- Miniature SMD Shielded Power Inductor in a 3.3*3.3mm foot print;
- Low profile : 1.5mm max.height.
- Inductance Range of 1.0uH to 68.0uH ;
- Ideal for DC to DC power converter application ;
- Operating Temperature Range -55°C to + 130°C , RoHs compliance ;
- T & R Qty: 2000 pcs , 7" Reel ;



2. Mechanical Dimension(Unit:mm):



Type	SLNR3315
A	3.0 ± 0.3
B	3.0 ± 0.3
C	1.5 (Max.)
D	0.75 ± 0.3
E	1.5 ± 0.3

3. Electrical Characteristic of SLNR3315 Series:

Part Number	OCL (uH) ± 20% or 30%	DCR (mΩ) ±30%	Isat (A) @25°C	Irms (A) @25°C	SRF (MHz) Min
SLNR3315-1R0NHF	1.0 , 30%	30.0	2.30	2.10	150
SLNR3315-1R2NHF	1.2 , 30%	40.0	2.21	1.95	11
SLNR3315-1R5NHF	1.5 , 30%	40.0	2.30	1.82	100
SLNR3315-1R8NHF	1.8 , 30%	50.0	1.75	1.70	92
SLNR3315-2R2NHF	2.2 , 30%	60.0	1.60	1.60	86
SLNR3315-2R7NHF	2.7 , 30%	75.0	1.52	1.43	64
SLNR3315-3R3MHF	3.3 , 20%	80.0	1.32	1.36	68
SLNR3315-3R6MHF	3.6 , 20%	105.0	1.28	1.20	59
SLNR3315-4R3MHF	4.3 , 20%	115.0	1.20	1.14	53
SLNR3315-4R7MHF	4.7 , 20%	120.0	1.10	1.09	46
SLNR3315-5R1MHF	5.1 , 20%	125.0	1.08	1.09	49
SLNR3315-6R2MHF	6.2 , 20%	195.0	1.00	0.86	46
SLNR3315-6R8MHF	6.8 , 20%	160.0	0.87	0.88	39
SLNR3315-100MHF	10.0 , 20%	230.0	0.72	0.77	41
SLNR3315-120MHF	12.0 , 20%	320.0	0.70	0.68	32
SLNR3315-150MHF	15.0 , 20%	350.0	0.66	0.65	30
SLNR3315-180MHF	18.0 , 20%	430.0	0.56	0.59	23
SLNR3315-220MHF	22.0 , 20%	460.0	0.52	0.57	23
SLNR3315-270MHF	27.0 , 20%	730.0	0.48	0.45	22
SLNR3315-330MHF	33.0 , 20%	820.0	0.44	0.43	20
SLNR3315-390MHF	39.0 , 20%	995.0	0.41	0.39	14
SLNR3315-430MHF	43.0 , 20%	1060.0	0.37	0.37	16
SLNR3315-470MHF	47.0 , 20%	1250.0	0.35	0.35	17
SLNR3315-560MHF	56.0 , 20%	1280.0	0.33	0.34	13
SLNR3315-620MHF	62.0 , 20%	1430.0	0.33	0.32	13
SLNR3315-680MHF	68.0 , 20%	2700.0	0.28	0.23	11

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);