

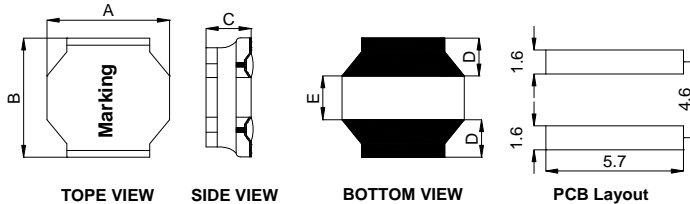
SLNR6328 Series



1. Features:

- Miniature SMD Shielded Power Inductor in a 6.3*6.3mm foot print;
- Low profile : 2.8mm max.height.
- Inductance Range of 1.5uH to 100.0uH ;
- 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	SLNR6328
A	6.0 ± 0.3
B	6.0 ± 0.3
C	2.8 (Max.)
D	1.55 ± 0.3
E	2.9 ± 0.3

3. Electrical Characteristic of SLNR6328 Series:

Part Number	OCL (uH) ± 20% or 30%	DCR (mΩ) ±30%	Isat (A) @25°C	Irms (A) @25°C	SRF (MHz) Min	Marking
SLNR6328-1R5NHF	1.5 , 30%	13.0	6.00	4.58	78	1R5
SLNR6328-2R2NHF	2.2 , 30%	15.0	5.10	4.09	68	2R2
SLNR6328-2R7NHF	2.7 , 30%	20.0	4.50	3.75	48	2R7
SLNR6328-3R3NHF	3.3 , 30%	25.0	4.15	3.48	41	3R3
SLNR6328-4R7NHF	4.7 , 30%	30.0	3.60	3.08	39	4R7
SLNR6328-5R1NHF	5.1 , 30%	35.0	3.55	2.89	33	5R1
SLNR6328-6R2MHF	6.2 , 20%	40.0	3.05	2.58	30	6R2
SLNR6328-8R2MHF	8.2 , 20%	55.0	2.60	2.25	24	8R2
SLNR6328-9R1MHF	9.1 , 20%	60.0	2.55	2.15	24	9R1
SLNR6328-100MHF	10.0 , 20%	65.0	2.35	2.05	23	100
SLNR6328-150MHF	15.0 , 20%	90.0	2.00	1.72	18	150
SLNR6328-220MHF	22.0 , 20%	135.0	1.60	1.40	14	220
SLNR6328-270MHF	27.0 , 20%	155.0	1.50	1.32	13	270
SLNR6328-330MHF	33.0 , 20%	185.0	1.35	1.22	12	330
SLNR6328-360MHF	36.0 , 20%	215.0	1.25	1.13	11	360
SLNR6328-390MHF	39.0 , 20%	225.0	1.25	1.10	11	390
SLNR6328-430MHF	43.0 , 20%	235.0	1.20	1.07	11	430
SLNR6328-470MHF	47.0 , 20%	245.0	1.15	1.06	9.5	470
SLNR6328-510MHF	51.0 , 20%	265.0	1.05	1.01	9.5	510
SLNR6328-620MHF	62.0 , 20%	345.0	0.95	0.89	7.7	620
SLNR6328-680MHF	68.0 , 20%	360.0	0.95	0.86	7.7	680
SLNR6328-750MHF	75.0 , 20%	410.0	0.90	0.81	7.7	750
SLNR6328-820MHF	82.0 , 20%	445.0	0.90	0.78	7.7	820
SLNR6328-910MHF	91.0 , 20%	505.0	0.80	0.73	7.7	910
SLNR6328-101MHF	100.0 , 20%	545.0	0.75	0.70	7.1	100

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);