

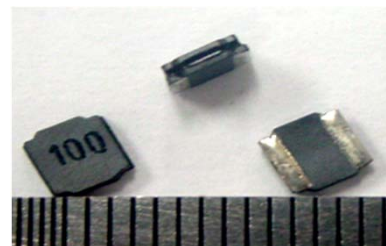


SLNR4320 Series



1. Features of SLNR4320 Series :

- Miniature SMD shielded power inductor.
- Low profile 2.0mm max height
- Inductance range of 1.0uH to 220.0uH.
- Ideal for DC to DC power converter application.
- Operating temperature range of -55.0 °C ~ +130.0°C.
- RoHS and HF compliant.
- Tape and Reel quantities: 3,500pcs, 13" Reel

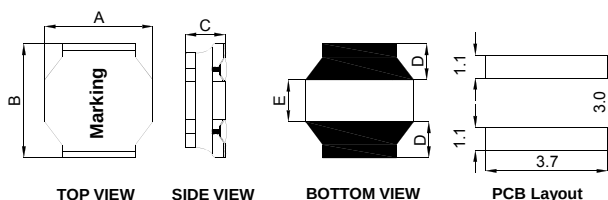


2. Electrical Characteristics of SLNR4320 Series:

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

3. Mechanical Dimensions (unit : mm):

A	B	C	D	E
±0.3	±0.3	Max.	±0.3	±0.3
4.0	4.0	2.0	0.95	2.1



Test Condition:

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)

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*Due to continuous product improvement, all specifications are subject to change without prior notice. Kindly contact an ITG field application engineer or a sales representative prior to purchase.