

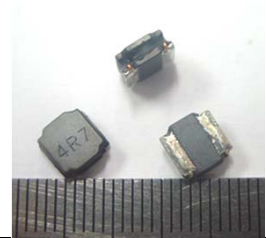


SLNR5341 Series

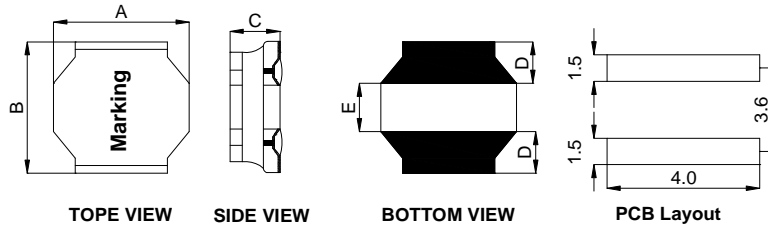


1. Features:

- Miniature SMD Shielded Power Inductor in a 5.3*5.3mm foot print;
- Low profile : 4.1mm max.height.
- Inductance Range of 1.5uH to 47.0uH ;
- Ideal for DC to DC power converter application ;
- Operating Temperature Range -55°C to + 130°C , RoHs compliance ;
- T & R Qty: 1500 pcs , 13" Reel ;



2. Mechanical Dimension(Unit:mm):



Type	SLNR5341
A	5.0 ± 0.3
B	5.0 ± 0.3
C	4.1 (Max.)
D	1.25 ± 0.3
E	2.5 ± 0.3

3. Electrical Characteristic of SLNR5341 Series:

Part Number	OCL (uH) ± 20% or 30%	DCR (mΩ) ±30%	Isat (A) @25°C	Irms (A) @25°C	SRF (MHz) Min	Marking
SLNR5341-1R5NHF	1.5 , 30%	20.0	6.00	3.60	60	1R5
SLNR5341-2R2NHF	2.2 , 30%	22.0	4.60	3.50	42	2R2
SLNR5341-3R3NHF	3.3 , 30%	27.0	3.80	3.30	32	3R3
SLNR5341-4R7NHF	4.7 , 30%	29.0	3.30	3.10	28	4R7
SLNR5341-6R8MHF	6.8 , 20%	49.0	2.60	2.30	21	6R8
SLNR5341-100MHF	10.0 , 20%	56.0	2.30	2.10	18	100
SLNR5341-150MHF	15.0 , 20%	80.0	2.00	1.80	13	150
SLNR5341-220MHF	22.0 , 20%	126.0	1.60	1.40	9	220
SLNR5341-330MHF	33.0 , 20%	180.0	1.30	1.20	7	330
SLNR5341-470MHF	47.0 , 20%	310.0	1.10	0.90	6	470

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);