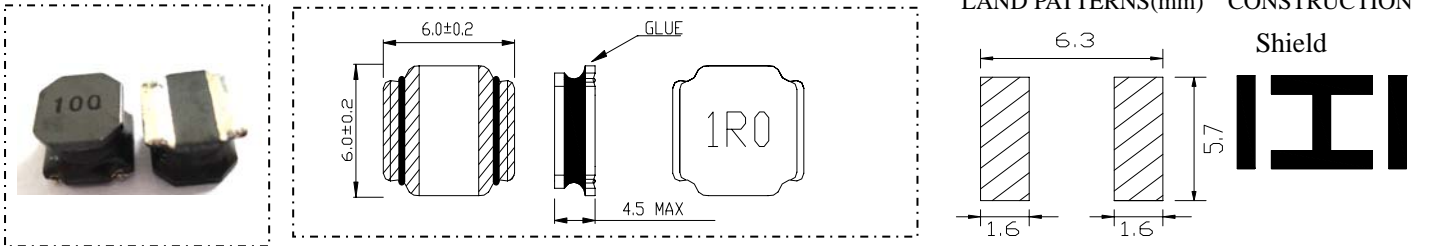


## SNR6045

**Inductance Range:** 1.0 $\mu$ H~100 $\mu$ H  
**Temperature Range:** -40 $^{\circ}$ C~+105 $^{\circ}$ C

## DIMENSIONS(mm)



## FEATURES:

- ★Quantity / Reel: 1500pcs
- ★Small products, Quadrate6.2mm Max, Height4.5mm Max.
- ★The use of carrier tape package for SMT reflow soldering process
- ★Widely use in DC-DC converter/LCD TV/Notebook/  
PDA/MP3 & MP4 player/Digital camera/DVD etc.
- ★Design to customer requirement

RoHS Compliant(SGS Certified Result)					
Pb	Cd	Cr+6	PBBs	PBDEs	
<1000ppm	ND	ND	ND	ND	

## Electrical Characteristics:

Part Number	Test Condition	Inductance ( $\mu$ H)	Tolerance (%)	D.C.R( $\Omega$ ) ( $\pm$ 30%)	Rated Current	
					Isat(A)	Irms(A)
SNR6045-1R0N	100KHz/0.3V	1.0	$\pm$ 30	0.014	8.50	4.20
SNR6045-1R3N	100KHz/0.3V	1.3	$\pm$ 30	0.016	8.00	4.00
SNR6045-1R8N	100KHz/0.3V	1.8	$\pm$ 30	0.018	7.00	3.70
SNR6045-2R3N	100KHz/0.3V	2.3	$\pm$ 30	0.021	6.00	3.50
SNR6045-3R0N	100KHz/0.3V	3.0	$\pm$ 30	0.024	5.00	3.20
SNR6045-4R5M	100KHz/0.3V	4.5	$\pm$ 20	0.031	4.00	3.00
SNR6045-6R3M	100KHz/0.3V	6.3	$\pm$ 20	0.038	3.80	2.80
SNR6045-100M	100KHz/0.3V	10	$\pm$ 20	0.047	3.00	2.50
SNR6045-150M	100KHz/0.3V	15	$\pm$ 20	0.077	2.30	1.90
SNR6045-220M	100KHz/0.3V	22	$\pm$ 20	0.115	1.90	1.50
SNR6045-330M	100KHz/0.3V	33	$\pm$ 20	0.145	1.50	1.40
SNR6045-470M	100KHz/0.3V	47	$\pm$ 20	0.220	1.30	1.10
SNR6045-680M	100KHz/0.3V	68	$\pm$ 20	0.330	1.00	0.90
SNR6045-101M	100KHz/0.3V	100	$\pm$ 20	0.500	0.80	0.70

- 1、 Inductance is measured with a LCR meter:HP4284A & 3532-50 or equivalent.
- 2、 D.C .R is measured with a Digital Multimeter TH2512B or equivalent.
- 3、 The Isat is the current at which the inductance decreases by 30% from the initial value
- 4、 The I rms by Stand-Type is the current at which the temperature rise is  $\Delta T \leq 40^{\circ}C$ , whichever ( $T_a = 20^{\circ}C$ )