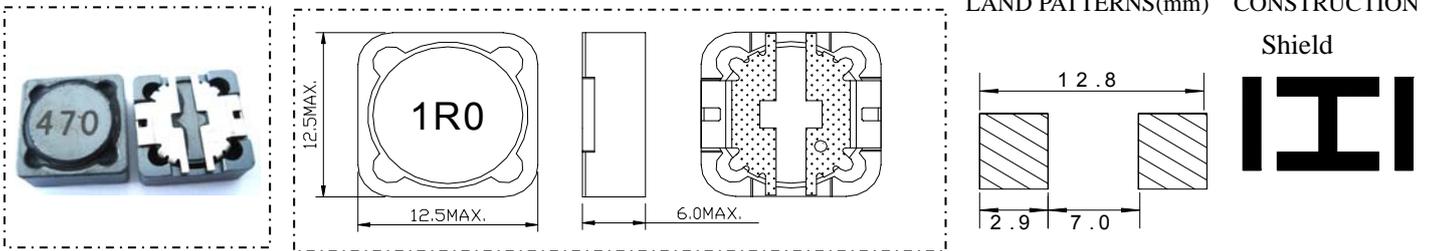


## SDRH125

**Inductance Range:** 1.0μH~1000μH  
**Temperature Range:** -40°C~+105°C

## DIMENSIONS(mm)



## FEATURES:

- ★Quantity / Reel:500pcs
- ★High current & low DCR, Quadrate12.5mm Max, Height 6.0mm Max.
- ★The use of carrier tape package for SMT reflow soldering process
- ★Widely use in DC-DC converter/LCD TV/Notebook/ PDA /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 (μH)	Tolerance (%)	D.C.R(Ω) Max.	Rated Current(A)
SDRH125-1R0M,N	100KHz/0.3V	1.0	±20,±30	10m	9.00
SDRH125-3R3M,N	100KHz/0.3V	3.3	±20,±30	18m	7.50
SDRH125-100M	1KHz/0.3V	10	±20	25m	4.00
SDRH125-120M	1KHz/0.3V	12	±20	27m	3.50
SDRH125-150M	1KHz/0.3V	15	±20	30m	3.30
SDRH125-180M	1KHz/0.3V	18	±20	34m	3.00
SDRH125-220M	1KHz/0.3V	22	±20	36m	2.80
SDRH125-270M	1KHz/0.3V	27	±20	51m	2.30
SDRH125-330M	1KHz/0.3V	33	±20	57m	2.10
SDRH125-390M	1KHz/0.3V	39	±20	68m	2.00
SDRH125-470M	1KHz/0.3V	47	±20	75m	1.80
SDRH125-560M	1KHz/0.3V	56	±20	0.110	1.70
SDRH125-680M	1KHz/0.3V	68	±20	0.120	1.50
SDRH125-820M	1KHz/0.3V	82	±20	0.140	1.40
SDRH125-101M	1KHz/0.3V	100	±20	0.160	1.30
SDRH125-121M	1KHz/0.3V	120	±20	0.170	1.10
SDRH125-151M	1KHz/0.3V	150	±20	0.230	1.00
SDRH125-181M	1KHz/0.3V	180	±20	0.290	0.90
SDRH125-221M	1KHz/0.3V	220	±20	0.400	0.80
SDRH125-271M	1KHz/0.3V	270	±20	0.460	0.75
SDRH125-331M	1KHz/0.3V	330	±20	0.510	0.68
SDRH125-391M	1KHz/0.3V	390	±20	0.690	0.65
SDRH125-471M	1KHz/0.3V	470	±20	0.770	0.58
SDRH125-561M	1KHz/0.3V	560	±20	0.860	0.54
SDRH125-681M	1KHz/0.3V	680	±20	1.200	0.48
SDRH125-821M	1KHz/0.3V	820	±20	1.340	0.43
SDRH125-102M	1KHz/0.3V	1000	±20	1.530	0.40

- 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、Rated Current: The rated current is the current at which the inductance decreases by 25% from the initial value or the temperature rise is ΔT=40°C ,whichever is smaller(Ta=20°C).