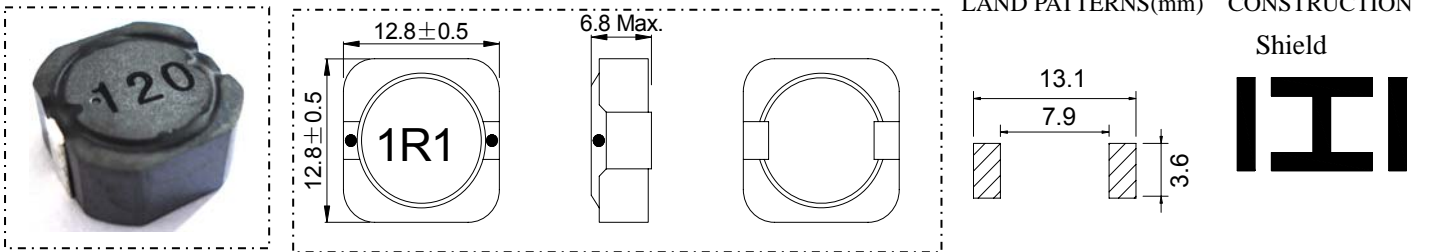


## SDRP126

**Inductance Range:** 1.1μH~680μH  
**Temperature Range:** -40°C~+105°C

## DIMENSIONS(mm)



## FEATURES:

- ★Quantity / Reel: 500pcs
- ★High current & low DCR, Quadrate13.3mm Max, Height 6.8mm 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)
SDRP126-1R1M,N	100KHz/0.1V	1.1	±20,±30	10m	11.80
SDRP126-2R7M,N	100KHz/0.1V	2.7	±20,±30	11m	9.00
SDRP126-3R9M,N	100KHz/0.1V	3.9	±20,±30	14m	7.90
SDRP126-5R6M,N	100KHz/0.1V	5.6	±20,±30	16m	6.80
SDRP126-7R5M,N	100KHz/0.1V	7.5	±20,±30	17m	5.70
SDRP126-100M	100KHz/0.1V	10	±20	23m	5.50
SDRP126-120M	100KHz/0.1V	12	±20	27m	5.00
SDRP126-150M	100KHz/0.1V	15	±20	32m	4.50
SDRP126-180M	100KHz/0.1V	18	±20	40m	4.10
SDRP126-220M	100KHz/0.1V	22	±20	46m	3.60
SDRP126-270M	100KHz/0.1V	27	±20	50m	3.20
SDRP126-330M	100KHz/0.1V	33	±20	64m	3.00
SDRP126-390M	100KHz/0.1V	39	±20	74m	2.70
SDRP126-470M	100KHz/0.1V	47	±20	82m	2.40
SDRP126-560M	100KHz/0.1V	56	±20	0.105	2.00
SDRP126-680M	100KHz/0.1V	68	±20	0.120	1.70
SDRP126-820M	100KHz/0.1V	82	±20	0.145	1.60
SDRP126-101M	100KHz/0.1V	100	±20	0.170	1.50
SDRP126-121M	100KHz/0.1V	120	±20	0.185	1.30
SDRP126-151M	100KHz/0.1V	150	±20	0.235	1.20
SDRP126-181M	100KHz/0.1V	180	±20	0.290	1.10
SDRP126-221M	100KHz/0.1V	220	±20	0.350	1.00
SDRP126-271M	100KHz/0.1V	270	±20	0.415	0.93
SDRP126-331M	100KHz/0.1V	330	±20	0.495	0.83
SDRP126-391M	100KHz/0.1V	390	±20	0.610	0.76
SDRP126-471M	100KHz/0.1V	470	±20	0.705	0.67
SDRP126-561M	100KHz/0.1V	560	±20	0.900	0.62
SDRP126-681M	100KHz/0.1V	680	±20	1.120	0.55

- 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).