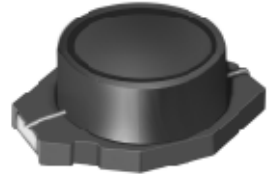


**Type:SDRR94**
**◆ Product Description**


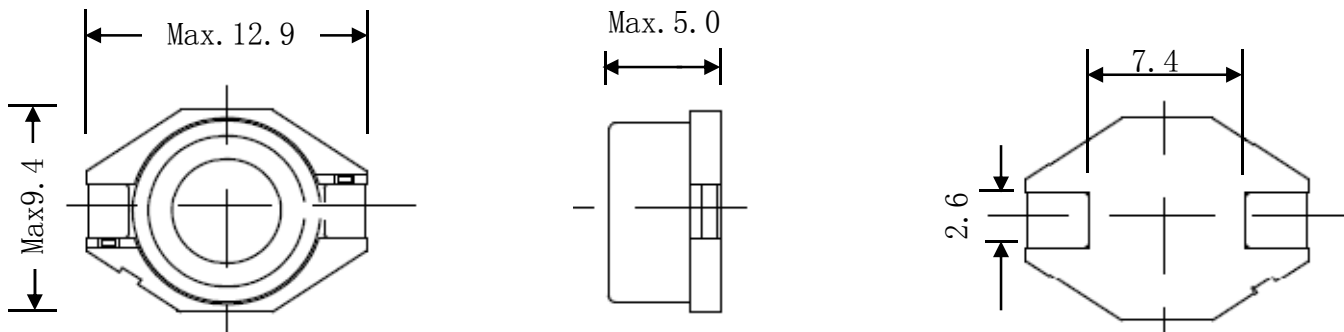
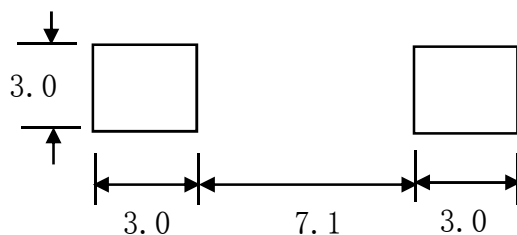
- 12.9×9.4mm Max.(L×W),5.0mm Max. Height.
- Inductance Range: 1.0~100.0μH
- Rated current range: 0.4 ~5.0A
- In addition to the standards versions shown here, custom inductors are also available to meet your exact requirements.

**◆ Feature**

- Magnetically shielded construction.
- Ideally used in Portable Computers, Video Recorder, DSC/DVC, etc as DC-DC Converter inductors.
- RoHS Compliance and Halogen free

**◆ Application**

- Portable Computers
- Video Recorder
- DSC/DVC
- DC/DC converters, etc

**◆ Dimensions(mm)**

**◆ Land Pattern (mm)**


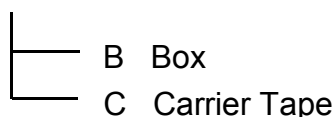
## Type:SDRR94

## ◆ Specification

Suntek Part Number	System code	Stamp	Inductance (μH) 100KHz	D.C.R.(mΩ) Max.(Typ.) (at20°C)	Saturation Current (A)	Temperature Rise Current (A)
SDRR94-1R0M□		1R0	1.0±20%	15.3(12.2)	10.8	5.0
SDRR94-1R5M□		1R5	1.5±20%	16.9(13.5)	9.6	4.5
SDRR94-2R2M□		2R2	2.2±20%	27.5(22.0)	7.2	3.4
SDRR94-3R3M□		3R3	3.3±20%	38.8(31.0)	6.2	2.7
SDRR94-4R7M□		4R7	4.7±20%	50.6(40.5)	5.4	2.5
SDRR94-6R8M□		6R8	6.8±20%	70.6(56.5)	4.4	2.1
SDRR94-100M□		100	10±20%	91.3(73.0)	3.0	1.9
SDRR94-120M□		120	12±20%	112.5(90)	3.2	1.6
SDRR94-150M□		150	15±20%	150.0(120)	2.8	1.3
SDRR94-180M□		180	18±20%	182.5(146)	2.6	1.2
SDRR94-220M□		220	22±20%	197.5(158)	2.4	1.1
SDRR94-270M□		270	27±20%	269.0(215)	2.1	0.95
SDRR94-330M□		330	33±20%	298.0(238)	1.9	0.90
SDRR94-390M□		390	39±20%	397.0(317)	1.7	0.75
SDRR94-470M□		470	47±20%	435.0(348)	1.6	0.70
SDRR94-680M□		680	68±20%	670.0(536)	1.3	0.55
SDRR94-820M□		820	82±20%	898.0(718)	1.2	0.45
SDRR94-101M□		101	100±20%	1063.0(850)	1.0	0.40

## ※Description of Part Name

SDRR94-1R0M□



- 1.Saturation current: The DC current at which the inductance decreases to 90% of its initial value.
- 2.Temperature rise current: The DC current at which the temperature rise is  $\Delta t=40^{\circ}\text{C}$ .( $T_a=20^{\circ}\text{C}$ )