

Type:SDR95

Product Description

- 12.9×9.4mm Max.(L×W),5.2mm Max. Height.
- Inductance Range: 1.0~680µH
- Rated current range: 0.35~9.0A
- In addition to the standards versions shown here, custom inductors are also available to meet your exact requirements.

Feature

- Magnetically unshielded construction.
- Ideally used in Notebook PC,LCD TV,HDD,Game machine,DSC/DVC,etc as DC-DC Converter inductors.
- RoHS Compliance and Halogen free

Application

- · Notebook PC
- HDD
- · Game machine
- · DSC/DVC
- · LCD TV
- · DC/DC converters, etc

Dimensions(mm)







Land Pattern (mm)



Please refer to the sales offices on our website for a representative near you www.suntekelec.com





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Specification

Suntek Part Number	System code	Stamp	Inductance (µH)	D.C.R.(mΩ) Max.(Typ.) (at20℃)	Saturation Current (A)	Temperature Rise Current (A)
SDR95-1R0M□		1R0M	1.0±20%	6.3(5.0)	14.6	9.0
SDR95-1R5M□		1R5M	1.5±20%	8.2(6.5)	12.0	8.0
SDR95-2R2M□		2R2M	2.2±20%	11.3(9.0)	9.4	7.0
SDR95-3R3M□		3R3M	3.3±20%	12.5(10.0)	7.8	6.2
SDR95-4R7M□		4R7M	4.7±20%	15.5(12.4)	6.4	5.8
SDR95-6R8M□		6R8M	6.8±20%	23.0(18.3)	5.3	4.5
SDR95-100M□		100M	10±20%	35.4(28.3)	4.0	3.5
SDR95-150M□		150M	15±20%	46.8(37.4)	3.5	3.0
SDR95-220M□		220M	22±20%	68.0(54.5)	3.0	2.5
SDR95-330M□		330M	33±20%	102.0(81.4)	2.4	2.0
SDR95-470M□		470M	47±20%	151.0(120.5)	2.0	1.5
SDR95-680M□		680M	68±20%	208.0(166.3)	1.7	1.3
SDR95-101M□		10M1	100±20%	288.0(230.0)	1.4	1.1
SDR95-151M□		151M	150±20%	454.0(363.0)	1.1	0.9
SDR95-221M□		221M	220±20%	669.0(535.0)	0.9	0.7
SDR95-331M□		331M	330±20%	1000.0(800.0)	0.8	0.55
SDR95-471M		471M	470±20%	1453.0(1162)	0.6	0.45
SDR95-681M		681M	680±20%	2363.0(1890)	0.5	0.35

*** Description of Part Name**

SDR95-1R0M□

— B Box

- C Carrier Tape

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 $\triangle t=40^{\circ}$ C.(Ta=20°C)