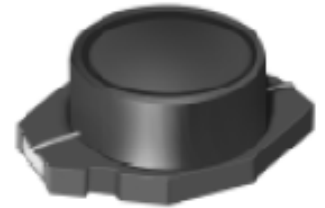


Type:SDRR157

◆ Product Description

- 18.5×15mm Max.(L×W),7.0mm Max. Height.
- Inductance Range: 1.3~1000.0μH
- Rated current range: 0.4 ~9.2A
- In addition to the standards versions shown here, custom inductors are also available to meet your exact requirements.



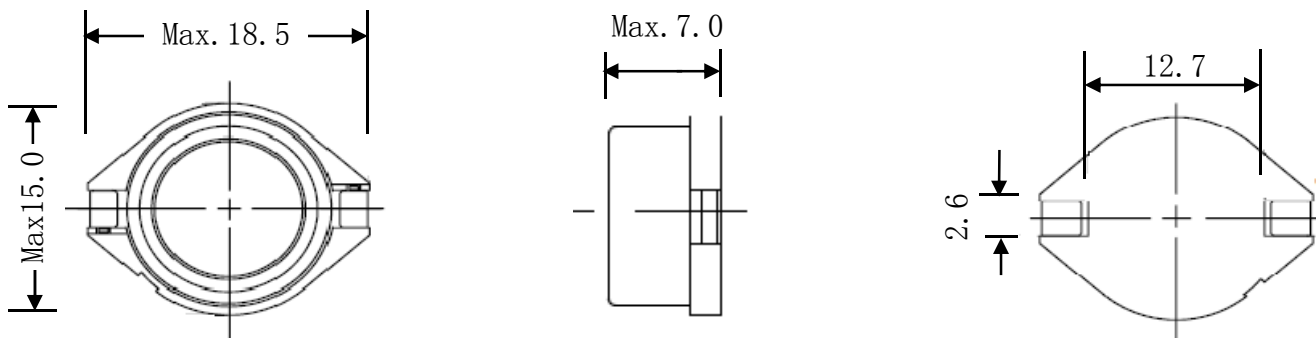
◆ Feature

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

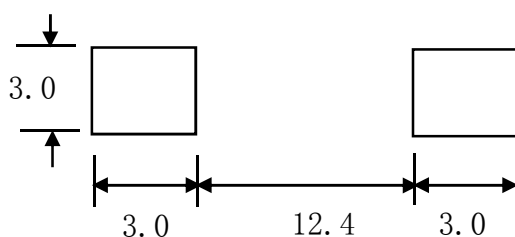
◆ Application

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

◆ Dimensions(mm)



◆ Land Pattern (mm)

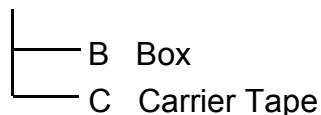


Type:SDRR157
◆ Specification

Suntek Part Number	System code	Stamp	InductanceWit hin(μ H) 100KHz	D.C.R.(m Ω) Max.(Typ.) (at20 $^{\circ}$ C)	Saturation Current (A)	Temperature Rise Current (A)
SDRR157-1R3M□		1R3M	1.3 \pm 20%	5.7(4.5)	17.0	9.2
SDRR157-2R0M□		2R0M	2.0 \pm 20%	7.0(5.6)	13.4	9.0
SDRR157-2R7M□		2R7M	2.7 \pm 20%	8.3(6.6)	12.0	8.0
SDRR157-3R3M□		3R3M	3.3 \pm 20%	93.6(7.7)	10.8	7.5
SDRR157-4R7M□		4R7M	4.7 \pm 20%	12.9(10.3)	9.2	6.5
SDRR157-6R8M□		6R8M	6.8 \pm 20%	16.5(13.2)	7.6	6.0
SDRR157-100M□		100M	10 \pm 20%	25.0(20.0)	6.4	5.0
SDRR157-150M□		150M	15 \pm 20%	37.5(30.0)	5.0	3.8
SDRR157-220M□		220M	22 \pm 20%	47.0(37.5)	4.2	3.5
SDRR157-330M□		330M	33 \pm 20%	69.0(55.0)	3.5	2.7
SDRR157-470M□		470M	47 \pm 20%	105.0(84.0)	2.9	2.0
SDRR157-680M□		680M	68 \pm 20%	166.0(133)	2.4	1.6
SDRR157-101M□		101M	100 \pm 20%	244.0(195)	2.0	1.3
SDRR157-151M□		151M	150 \pm 20%	330.0(264)	1.6	1.1
SDRR157-221M□		221M	220 \pm 20%	485.0(388)	1.3	0.9
SDRR157-271M□		271M	270 \pm 20%	595.0(475)	1.2	0.8
SDRR157-331M□		331M	330 \pm 20%	738.0(590)	1.1	0.7
SDRR157-471M□		471M	470 \pm 20%	1000.0(800)	0.9	0.6
SDRR157-681M□		681M	680 \pm 20%	1544(1227)	0.75	0.5
SDRR157-102M□		102M	1000 \pm 20%	2388(910)	0.60	0.4

※Description of Part Name

SDRR157-1R3M□



- 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 $\Delta t=40^{\circ}$ C.($T_a=20^{\circ}$ C)