

Type:SDRH10D43R

◆ Product Description

- 10.8×10.5mm Max.(L×W),4.5mm Max. Height.
- Inductance Range: 1.2~100.0μH
- Rated current range: 1.1~7.2A
- In addition to the standards versions shown here,
custom inductors are also available to meet your exact requirements.



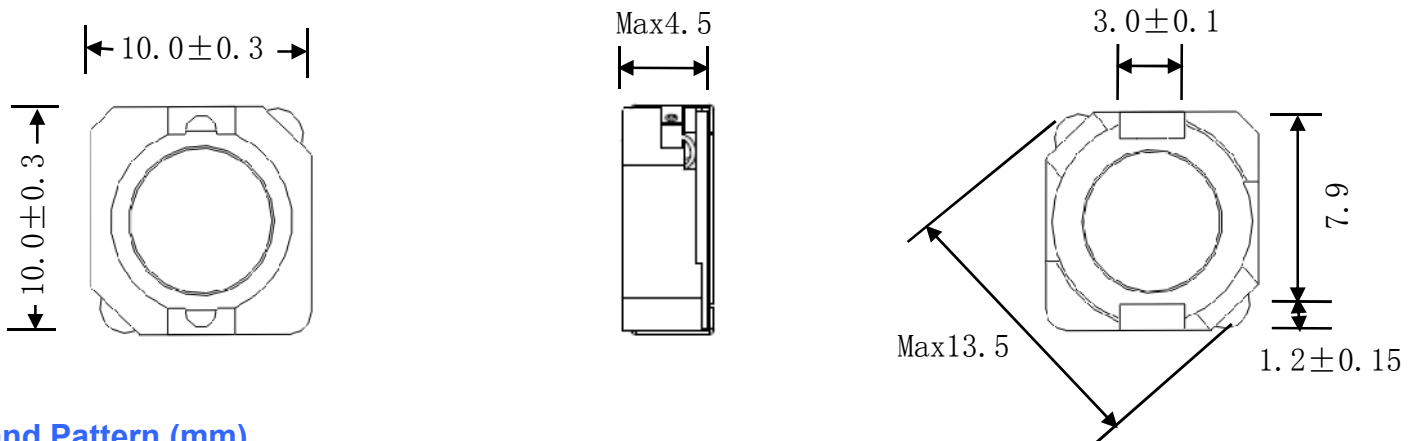
◆ Feature

- Magnetically shielded construction.
- Flat wire used,Low Heating Loss Type.
- Ideally used in Game machine,Notebook PC, LCD TV,DVD, STB,Projector etc as DC-DC Converter inductors
- RoHS Compliance

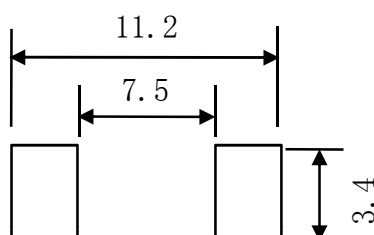
◆ Application

- Notebook PC
- LCD TV
- DVD ,STB
- Projector
- Game machine
- DC/DC converters etc.

◆ Dimensions (mm)



◆ Land Pattern (mm)

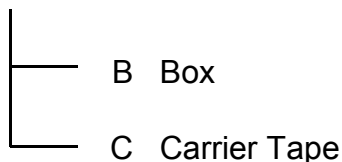


Type:SDRH10D43R
◆ Specification

Suntek Part Number	System code	Stamp	Inductance (μ H) 100kHz/1V	D.C.R. (m Ω) Max.(Typ.) (at 20℃)	Saturation Current (A) at 20℃(at 105℃)	Temperature rise current (A)
SDRH10D43R-1R2P□		1R2	1.2 $\pm$ 25%	10.4(8.28)	12.0(9.0)	7.20
SDRH10D43R-1R8P□		1R8	1.8 $\pm$ 25%	12.2(9.76)	11.2(8.5)	6.60
SDRH10D43R-2R7P□		2R7	2.7 $\pm$ 25%	14.1(11.3)	9.5(7.3)	6.00
SDRH10D43R-3R9P□		3R9	3.9 $\pm$ 25%	16.6(13.2)	8.8(6.9)	5.80
SDRH10D43R-4R7P□		4R7	4.7 $\pm$ 25%	20.4(16.3)	8.0(6.5)	4.80
SDRH10D43R-6R8P□		6R8	6.8 $\pm$ 25%	25.1(20.0)	7.0(5.6)	4.60
SDRH10D43R-8R2P□		8R2	8.2 $\pm$ 25%	31.0(24.8)	6.0(4.8)	4.20
SDRH10D43R-100M□		100	10.0 $\pm$ 20%	32.7(26.1)	5.2(4.3)	4.10
SDRH10D43R-120M□		120	12.0 $\pm$ 20%	47.2(37.7)	4.9(4.0)	3.20
SDRH10D43R-150M□		150	15.0 $\pm$ 20%	56.1(44.9)	4.5(3.7)	3.10
SDRH10D43R-220M□		220	22.0 $\pm$ 20%	73.9(59.1)	4.0(3.2)	2.70
SDRH10D43R-330M□		330	33.0 $\pm$ 20%	120.0(95.7)	3.1(2.6)	2.00
SDRH10D43R-470M□		470	47.0 $\pm$ 20%	160.4(128.3)	2.6(2.1)	1.70
SDRH10D43R-560M□		560	56.0 $\pm$ 20%	175.8(140.6)	2.4(2.0)	1.6.
SDRH10D43R-680M□		680	68.0 $\pm$ 20%	217.33(173.8)	2.2(1.8)	1.40
SDRH10D43R-820M□		820	82.0 $\pm$ 20%	273.8(219.0)	2.0(1.6)	1.20
SDRH10D43R-101M□		101	100.0 $\pm$ 20%	344.5(275.6)	1.8(1.4)	1.10

※ Description of part name

SDRH10D43R-1R2P□



※1.Saturation Current: The DC current at which the inductance decreases by 35% from it's nominal value.

 ※2.Temperature rise current: The DC current at which the temperature rise is $\Delta t=40^{\circ}\text{C}$.(Ta=20℃).