

Type:SDRH10D43

◆ Product Description

- 10.0×10.0mm Max.(L×W),4.5mm Max. Height.
- Inductance Range: 1.0~33.0μH
- Rated current range: 2.1~10.0A



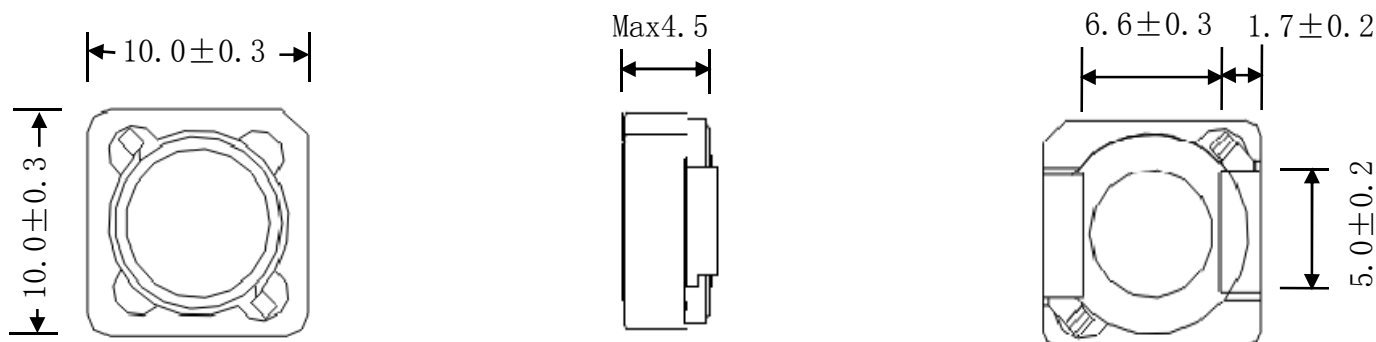
◆ Feature

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

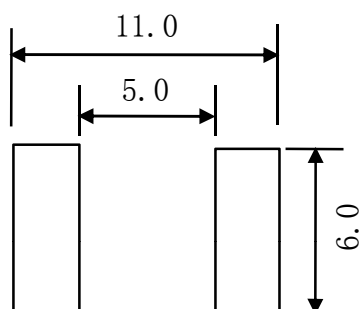
◆ Application

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

◆ Dimensions (mm)



◆ Land Pattern (mm)

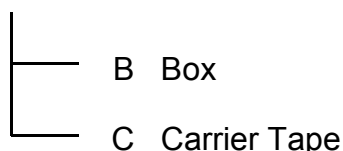


Type:SDRH10D43
◆ Specification

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 100℃)	Temperature rise current (A)
SDRH10D43-1R0N□		1R0M	1.0 $\pm$ 30%	6.0(5.0)	12.8(12.0)	10.00
SDRH10D43-1R7M□		1R7M	1.7 $\pm$ 20%	7.0(5.8)	10.4(8.8)	9.00
SDRH10D43-2R6M□		2R6M	2.6 $\pm$ 20%	9.4(8.0)	8.4(7.6)	7.60
SDRH10D43-3R6M□		3R6M	3.6 $\pm$ 20%	11.0(9.4)	73.2(6.5)	7.00
SDRH10D43-4R7M□		4R7M	4.7 $\pm$ 20%	15.8(13.2)	6.3(5.6)	5.70
SDRH10D43-6R4M□		6R4M	6.4 $\pm$ 20%	21.0(17.2)	5.5(4.8)	5.00
SDRH10D43-7R2M□		7R2M	7.2 $\pm$ 20%	23.3(19.6)	5.1(4.5)	4.70
SDRH10D43-100M□		100M	10.0 $\pm$ 20%	29.4(24.5)	4.3(3.7)	4.20
SDRH10D43-150M□		150M	15.0 $\pm$ 20%	49.1(41.2)	3.5(3.2)	3.10
SDRH10D43-220M□		220M	22.0 $\pm$ 20%	70.2(58.7)	2.9(2.6)	2.70
SDRH10D43-270M□		270M	27.0 $\pm$ 20%	94.6(79.0)	2.6(2.2)	2.30
SDRH10D43-330M□		330M	33.0 $\pm$ 20%	105.6(88.0)	2.4(2.0)	2.10

※ Description of part name

SDRH10D43-1R0N□



※1.Saturation Current:The DC current at which the inductance decreases to 75% of it's nominal value.

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