

Type:SDS3308

◆ Product Description

- 12.95×9.4mm Max.(L×W),3.0mm Max. Height.
- Inductance Range: 2.2~470.0 μ H
- DCR range: 0.04~32.8 Ω
- In addition to the standards versions shown here,
- custom inductors are also available to meet your exact requirements.



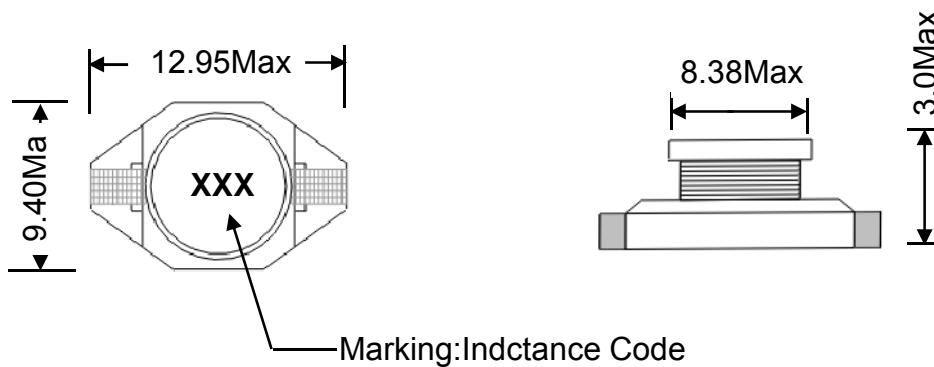
◆ Feature

- Magnetically unshielded
- Robust temperature deflection
- Up to 5Arms and 11A saturating current
- RoHS compliant

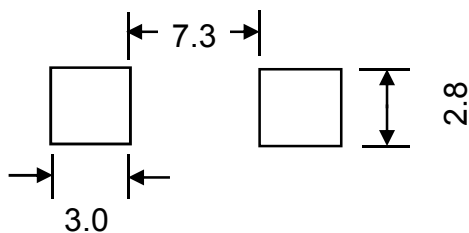
◆ Application

- Notebook
- Digital camera & scanner
- CD-Rom & DVD
- DC/DC converters

◆ Dimensions (mm)



◆ Land Pattern (mm)



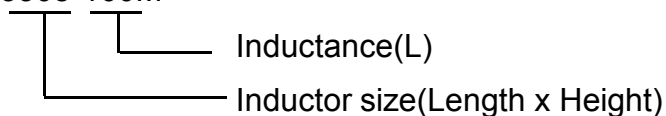
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◆ Specification

Suntek Part Number	System code	Inductance (μH)	L Test Freq. (KHz)	Q Test Freq. (kHz)	DCR Max. (Ω)	IDC Max. (A)	SRF Ref. (MHz)
SDS3308-2R2M		2.2	100	200	0.04	3.0	250
SDS3308-3R0M		3.0	100	200	0.045	2.8	125
SDS3308-3R9M		3.9	100	200	0.050	1.8	120
SDS3308-4R7M		4.7	100	200	0.055	1.6	120
SDS3308-6R8M		6.8	100	200	0.060	1.4	105
SDS3308-100M		10.0	100	200	0.065	1.2	50
SDS3308-120M		12.0	100	200	0.075	1.0	38
SDS3308-150M		15.0	100	100	0.090	0.8	33
SDS3308-180M		18.0	100	100	0.110	0.7	25
SDS3308-220M		22.0	100	100	0.190	0.6	20
SDS3308-270M		27.0	100	100	0.230	0.5	20
SDS3308-330M		33.0	100	100	0.290	0.4	15
SDS3308-390M		39.0	100	100	0.480	0.3	10
SDS3308-470M		47.0	100	100	0.590	0.26	9
SDS3308-560M		56.0	100	100	0.770	0.22	6
SDS3308-680M		68.0	100	100	1.400	0.20	5
SDS3308-820M		82.0	100	100	1.800	0.19	4
SDS3308-101M		100.0	100	100	2.200	0.18	3
SDS3308-121M		120.0	100	100	3.400	0.15	2
SDS3308-151M		150.0	100	100	4.200	0.12	2
SDS3308-181M		180.0	100	100	8.500	0.10	2
SDS3308-221M		220.0	100	100	11.00	0.08	1
SDS3308-271M		270.0	100	100	13.90	0.06	1
SDS3308-331M		330.0	100	100	25.00	0.04	1
SDS3308-391M		390.0	100	100	30.50	0.02	1
SDS3308-471M		470.0	100	100	32.80	0.02	0.8

※Description of Part Name

SDS3308-100M



1. Inductance is tested on an HP4285A at 100 kHz.
2. Operating temperature range -40°C to +85°C.
3. Inductance Drop:10% typ. at Isat