

Type:SDS1608C

◆ Product Description

- 6.60×4.45mm Max.(L×W),2.92mm Max. Height.
- Inductance Range: 1.0~10000.0 μH
- DCR range: 0.04~32.8Ω
- In addition to the standards versions shown here,
- custom inductors are also available to meet your exact requirements.



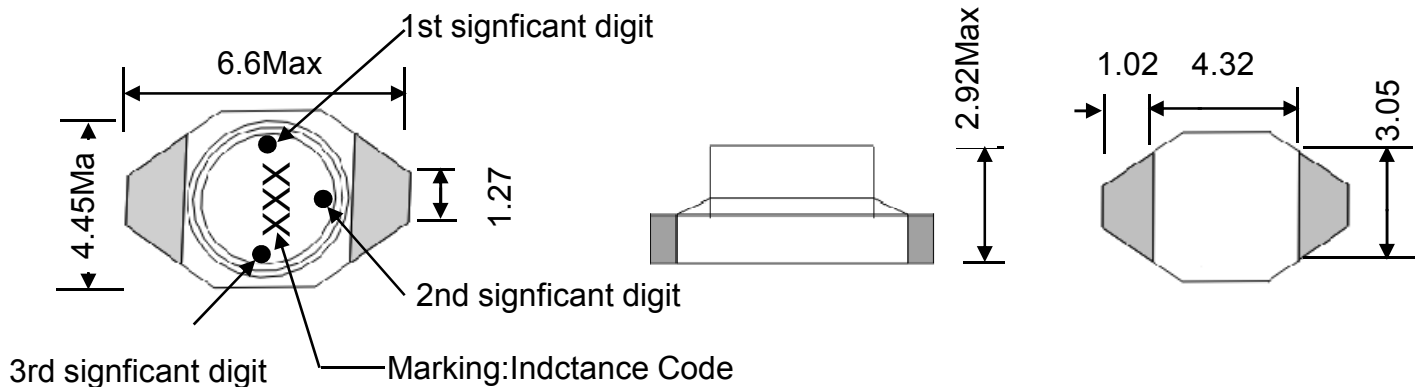
◆ Feature

- SMD (unshielded)power inductor
- High efficiency and small size.
- Flat top and heat resistant materials ensure trouble-free assembly
- Reflow operations
- RoHS-compliant.

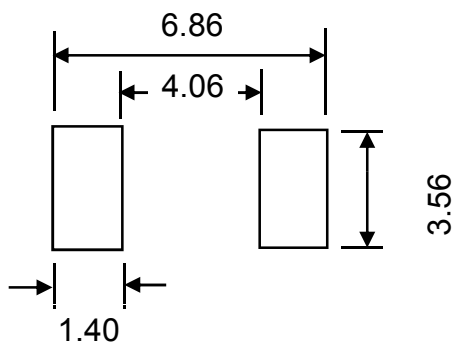
◆ Application

- Computers
- LCD displays and telecommunication equipment
- Can help achieve significantly longer batter life in hand held communication devices and other portable products
- DC/DC converters

◆ Dimensions (mm)



◆ Land Pattern (mm)



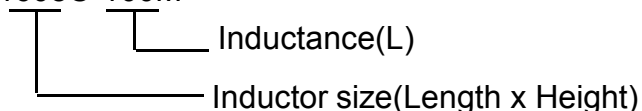
Type:SDS1608C

◆ Specification

Suntek Part Number	System code	Inductance (μH ±20%)	L Test Freq. (KHz)	Q Test Freq. (kHz)	DCR Max. (Ω)	IDC Max. (A)	SRF Ref. (MHz)
SDS1608C-102_		1.0	100	200	0.04	3.0	250
SDS1608C-152_		1.5	100	200	0.045	2.8	125
SDS1608C-222_		2.2	100	200	0.050	1.8	120
SDS1608C-332_		3.3	100	200	0.055	1.6	120
SDS1608C-472_		4.7	100	200	0.060	1.4	105
SDS1608C-682_		6.8	100	200	0.065	1.2	50
SDS1608C-103_		10.0	100	200	0.075	1.0	38
SDS1608C-153_		15.0	100	100	0.090	0.8	33
SDS1608C-223_		22.0	100	100	0.110	0.7	25
SDS1608C-333_		33.0	100	100	0.190	0.6	20
SDS1608C-473_		47.0	100	100	0.230	0.5	20
SDS1608C-683_		68.0	100	100	0.290	0.4	15
SDS1608C-104_		100.0	100	100	0.480	0.3	10
SDS1608C-154_		150.0	100	100	0.590	0.26	9
SDS1608C-224_		220.0	100	100	0.770	0.22	6
SDS1608C-334_		330.0	100	100	1.400	0.20	5
SDS1608C-474_		470.0	100	100	1.800	0.19	4
SDS1608C-684_		680.0	100	100	2.200	0.18	3
SDS1608C-105_		1000.0	100	100	3.400	0.15	2
SDS1608C-155_		1500.0	100	100	4.200	0.12	2
SDS1608C-225_		2200.0	100	100	8.500	0.10	2
SDS1608C-335_		3300.0	100	100	11.00	0.08	1
SDS1608C-475_		4700.0	100	100	13.90	0.06	1
SDS1608C-685_		6800.0	100	100	25.00	0.04	1
SDS1608C-825_		8200.0	100	100	30.50	0.02	1
SDS1608C-106_		10000.0	100	100	32.80	0.02	0.8

※Description of Part Name

SDS1608C-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