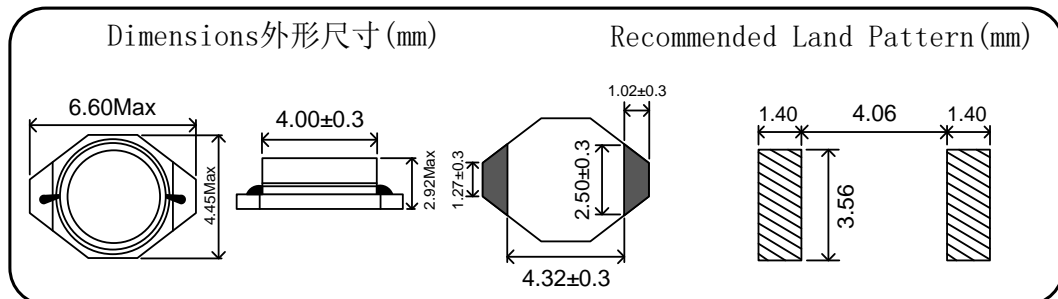
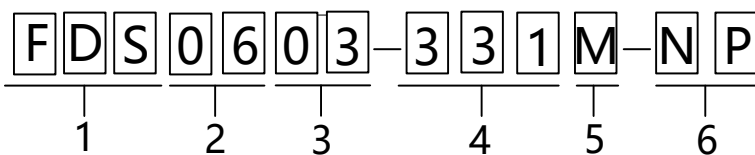




Type: FDS0603



PRODUCT IDENTIFICATION/产品标识



1. Product symbol/产品类型 : FDS (shield/屏蔽)
2. Body length /产品长度 : mm
3. Body height /产品高度 : mm
4. Inductance /感量 :  $\mu\text{H}$
5. Tolerance /公差 :  $M \pm 20\%$
6. RoHS Compliant(SGS Certified)

本产品满足环境保护要求(有害物质限用)



FEATURES:

- Quantity/reel:2000PCS.
- Rotundity 6.60mm Max,Height 2.92mm Max.
- Magnetically shielded construction.
- Compact and thin.
- Widely use in Notebook, Cellular Phone, DC/DC converter, PDA,Backlight applications etc.

特长:

- 数量/卷:2000PCS.
- 圆形6.60mmMax,高度2.92mm Max.
- 闭磁路构造设计.
- 轻便薄小.
- 广泛应用于笔记本电脑、手机、直流转换器、PDA、背光灯产品等.

ELECTRICAL CHARACTERISTICS/电气特性

Part NO. 品名	Inductance 电感量( $\mu\text{H}$ )	Tolerance 公差(%)	DC Resistance 直流电阻Max( $\Omega$ )	Rated Current 额定电流(A)
FDS0603-1R0	1.0	M	0.040	1.80
FDS0603-1R5	1.5	M	0.045	1.70
FDS0603-2R2	2.2	M	0.050	1.20
FDS0603-3R3	3.3	M	0.050	0.90
FDS0603-4R7	4.7	M	0.055	0.70
FDS0603-6R8	6.8	M	0.070	0.60
FDS0603-100	10	M	0.075	0.45
FDS0603-150	15	M	0.090	0.40
FDS0603-220	22	M	0.120	0.38
FDS0603-270	27	M	0.170	0.30
FDS0603-330	33	M	0.190	0.20
FDS0603-470	47	M	0.230	0.18
FDS0603-680	68	M	0.350	0.16
FDS0603-101	100	M	0.430	0.15
FDS0603-151	150	M	0.590	0.13
FDS0603-221	220	M	1.200	0.10
FDS0603-331	330	M	1.400	0.09
FDS0603-391	390	M	2.000	0.09
FDS0603-471	470	M	2.500	0.08
FDS0603-681	680	M	3.100	0.07
FDS0603-102	1000	M	3.600	0.06

Inductance Range/电感范围:1.0~1000  $\mu\text{H}$

Operating Temperature /工作温度:-40°C ~ +125°C

Storage Temperature /储存温度:-40°C ~ +125°C

(1) Test frequency :100KHz/0.1V:

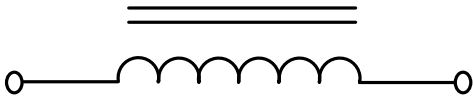
(2) The maximum allowable current is a DC current which causes initial inductance to decrease by 30%, or temperature to rise by 40°C,whichever is smaller (At ambient reference temperature:25°C).

(1) 电感测试频率:100KHz/0.1V:

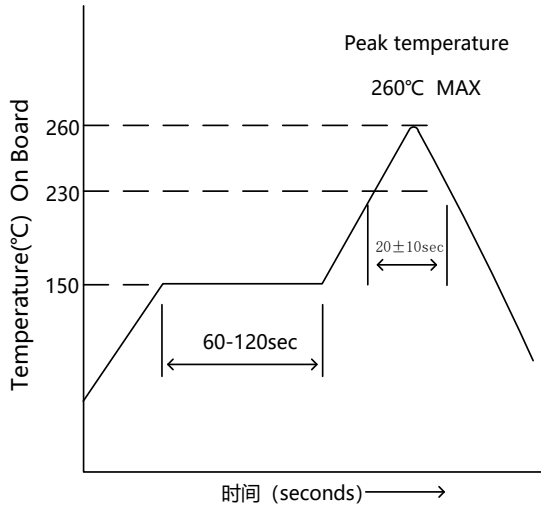
(2) 最大容许电流定义:电感下降30%或温度上升40°C时,取其小值作为最大容许电流(周围环境温度25°C).



Electrical Schematic/原理图



Recommended Temperature Conditions of Air Reflow Soldering/推荐回流焊温度条件



In addition to the standards versions shown here, custom inductors are also available to meet your exact requirements.

除了这里显示的标准品之外,可根据客户要求设计.

[www.fonrita.com](http://www.fonrita.com)