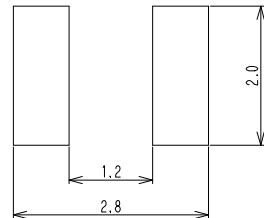
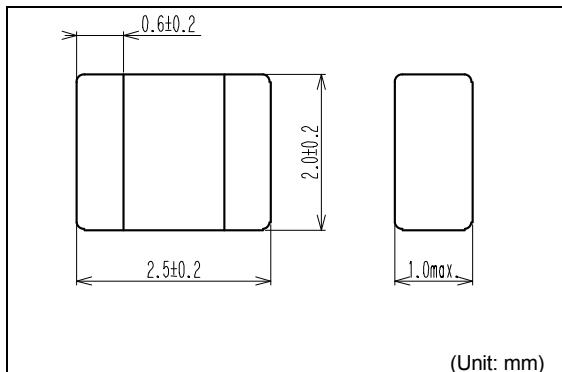
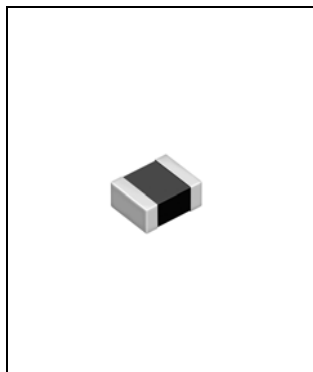


DFE252010C

Inductance Range/电感值范围: 1.0~4.7μH

Recommended patterns
推荐焊盘尺寸



(Unit: mm)

FEATURES 特点

- Miniature size: 2520 footprint (2.5mm×2.0mm) and low profile(1.0mm max.height)
- Magnetically shielded.
- Reflow solderable.
- Operating temperature : -40~+85°C
- RoHS compliant.
- Halogen Free.
- 小型：2520尺寸（2.5毫米 x 2.0毫米）
- 薄型：（最大高度1.0毫米）。
- 磁性屏蔽结构
- 回流焊接
- 工作温度范围：-40~+85°C
- 符合RoHS指令
- 无卤对应

TOKO STANDARD PART NUMBERS 东光标准零件号码

TYPE DFE252010C / DFE252010C型

东光零件号码	电感值	公差	测试频率	直流电阻	最大额定直流电流	
TOKO Part Number	Inductance L(μH)	Tolerance (%)	Test Frequency (MHz)	DC Resistance (mΩ) Max. (Typ.)	Rated DC Current (A) Max. (Typ.) ΔL/L=30% ΔT=40[°C]	
1269AS-H-1R0N=P2	1.0	±30	1	78 (60)	2.7 (3.4)	2.5 (3.0)
1269AS-H-1R5N=P2	1.5	±30	1	108 (90)	2.1 (2.7)	1.9 (2.3)
1269AS-H-2R2N=P2	2.2	±30	1	156 (130)	1.9 (2.4)	1.5 (1.8)
1269AS-H-3R3N=P2	3.3	±30	1	228 (190)	1.5 (1.9)	1.2 (1.4)
1269AS-H-4R7N=P2	4.7	±30	1	300 (250)	1.3 (1.6)	1.0 (1.2)

- (1) Inductance is measured with a LCR meter 4284A* or equivalent.
Test frequency at 1MHz
- (2) DC Resistance is measured with a Digital Multimeter TR6871 (ADVANTEST) or equivalent.
- (3) Maximum allowable DC current is that which causes a 30% inductance reduction from the initial value, coil temperature to rise by 40°C whichever is smaller.
(Reference ambient temperature 20°C)

- (1)使用LCR仪表4284A*或者相同功能的仪器测试电感值。
测试频率1MHz。
- (2)使用数码万用表TR6871(Advantest)或者相同功能的仪器测试直流电阻。
- (3)允许最大直流电的范围是以下两种较小的一个：引起电感值从最初值降低30%，或者线圈温度升高40°C。
(参考周围环境温度20°C。)

* Agilent Technologies

* Agilent技术