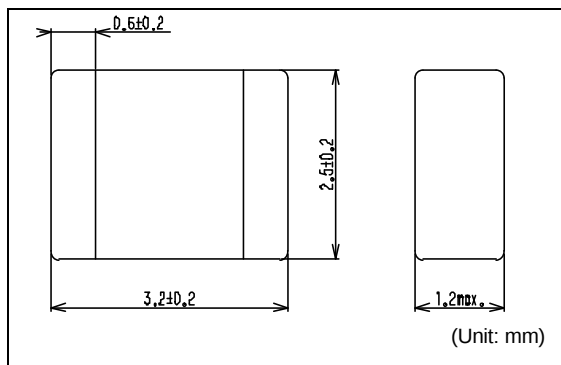
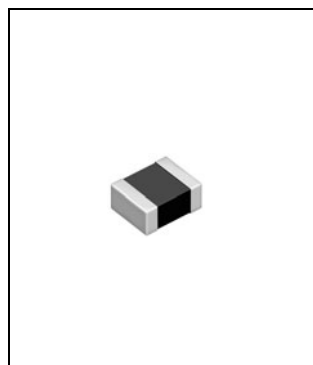
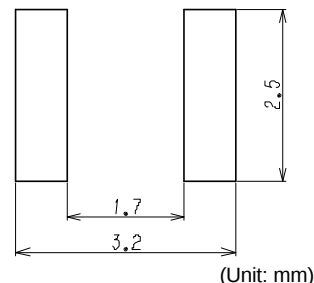


DFE322512C

Inductance Range: 0.47~10μH



Recommended patterns
推荐焊盘尺寸



FEATURES 特点

- Miniature size: 3225 footprint (3.2mm×2.5mm) and low profile(1.2mm max.height)
- Magnetically shielded.
- Reflow solderable.
- Operating temperature : -40~+85°C
- RoHS compliant.
- Halogen Free.
- 小型薄型构造 (3.2 x 2.5mm、高度1.2mm Max.)
- 闭磁路构造
- 适合回流焊接
- 工作温度范围：-40~+85°C
- 符合RoHS指令
- 八无卤素

TOKO STANDARD PART NUMBERS 东光标准零件号码

TYPE DFE322512C

东光零件号码	电感值	公差	测试频率	最大直流电阻	最大电感减小电流	
TOKO Part Number	Inductance L (μH)	Tolerance (%)	Test Frequency (MHz)	DC Resistance (mΩ) Max. (Typ.)	Rated DC Current (A) Max. (Typ.)	
1277AS-H-R47N	0.47	±30	1	31 (21)	Δ L/L=30%	Δ T=40[°C]
1277AS-H-1R0N	1.0	±30	1	45 (34)	3.7 (4.4)	3.7 (4.4)
1277AS-H-1R5N	1.5	±30	1	65 (50)	3.1 (3.7)	3.1 (3.7)
1277AS-H-2R2N	2.2	±30	1	84 (70)	2.6 (3.0)	2.6 (3.0)
1277AS-H-3R3N	3.3	±30	1	126 (105)	2.1 (2.5)	2.1 (2.5)
1277AS-H-4R7N	4.7	±30	1	180 (150)	1.8 (2.2)	1.8 (2.2)
1277AS-H-6R8N	6.8	±30	1	276 (230)	1.5 (1.9)	1.5 (1.9)
1277AS-H-100N	10	±30	1	420 (350)	1.2 (1.5)	1.2 (1.5)

- (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) LCR仪表4284A *或者功能相同的仪器在1MHz下测试电感值。
- (2) 通过数码万用表TR6871 (Advantest) 或者相类似的工具测试直流电阻。
- (3) 允许最大直流电的范围是以下两者中比较小的一个：从开始值降低30%的电感值，或者线圈温度升高40°C。
(参考周围环境温度20°C)。

* Agilent Technologies

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