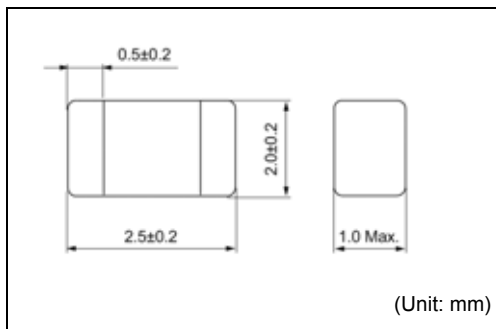
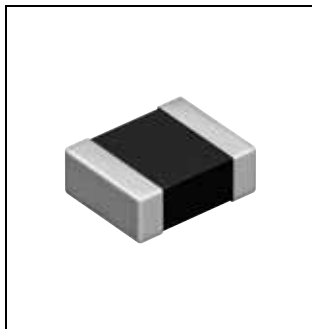
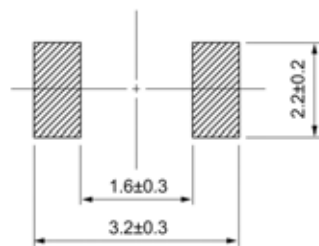


MDT2520-CR



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
- Ideal for a variety of DC-DC converter Inductor application (DVC, DSC, Cellular phone, PDA)
- Operating temperature: -40 ~ +85°C
- RoHS compliant
- 小型薄型 (2.5mm × 2.0mm、高度1.0mm max)
- 磁性屏蔽结构
- 是适用于 (DVC、DSC、Cellular phone、PDA) 各种设备的DC-DC转换器电感器的理想选择
- 工作温度范围：-40 ~ +85°C
- 符合RoHS指令

STANDARD PART NUMBERS 标准零件号

TYPE MDT2520-CR, (Quantity/reel; 3,000 PCS)

零件号码	电感值 ⁽¹⁾	公差	直流电阻 ⁽²⁾	温度上升电流 ⁽³⁾
Part Number	Inductance ⁽¹⁾ (μH) at 1MHz	Tolerance (%)	DC Resistance ⁽²⁾ (mΩ) ±30%	Temperature Rise Current ⁽³⁾ ΔT=40°C (A) Max.
MDT2520-CRR47M	0.47	±20	53	2.65
MDT2520-CR1R0M	1.0	±20	60	2.50
MDT2520-CR1R5M	1.5	±20	80	2.20
MDT2520-CR2R2M	2.2	±20	90	2.10
MDT2520-CR3R3M	3.3	±20	100	2.00
MDT2520-CR4R7M	4.7	±20	120	1.85

- (1) Inductance is measured with a |Z| Analyzer 4291A/ B (Agilent Technologies) or equivalent. Test frequency at 1MHz, 0.5V
 (2) DC Resistance is measured with a milliohmmeter 4338B (Agilent Technologies) or equivalent.
 (3) Maximum allowable DC current is that causes coil temperature to rise by 40°C. (The ambient reference temperature: 20°C)

- (1) 电感值由阻抗分析器4291A/ B(Agilent技术)或等效物测试。测试频率为1MHz, 0.5V。
 (2) 直流电阻由毫欧计4338B(Agilent技术)或等效物测试。
 (3) 最大容许电流是通电情况下线圈温度上升达到40°C时的电流值。(环境温度: 20°C)

EXAMPLES OF CHARACTERISTICS 特性范例

