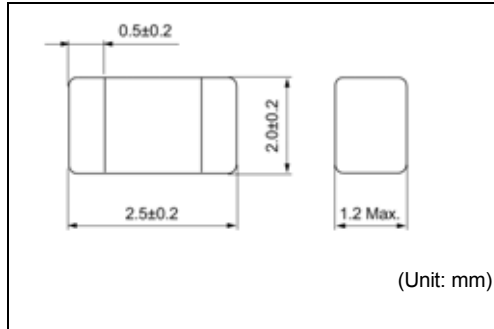
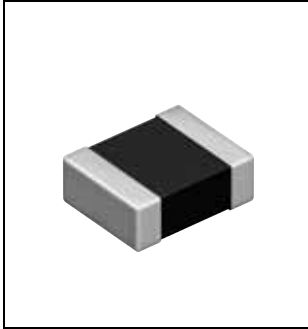
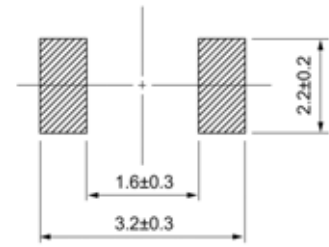


MDT2520-CN



Recommended patterns 推荐焊盘尺寸



(Unit: mm)

FEATURES 特点

- Miniature size: 2520 footprint (2.5mm × 2.0mm) and low profile (1.2mm 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1.2mm 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

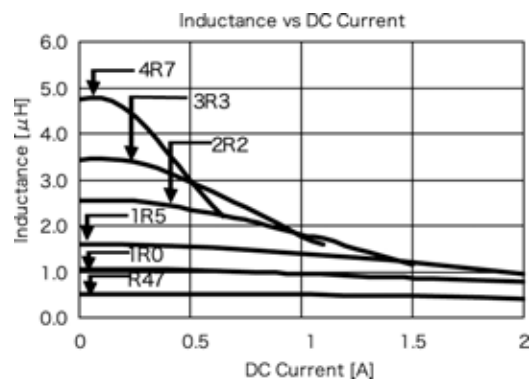
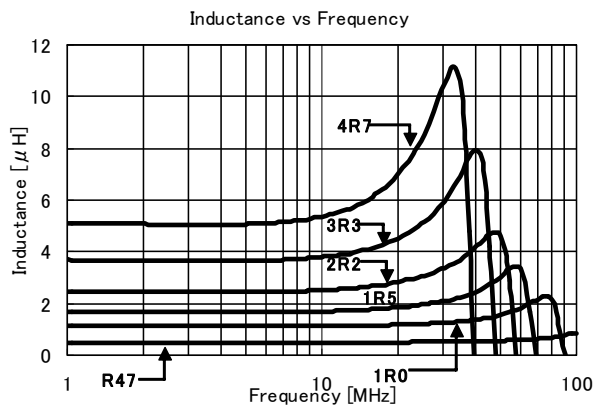
TYPE MDT2520-CN, (Quantity/reel; 3,000 PCS)

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⁾ (μ H) at 1MHz	Tolerance (%)	DC Resistance ⁽²⁾ (m Ω) \pm 30%	Temperature Rise Current ⁽³⁾ $\Delta T=40^\circ\text{C}$ (A) Max.
MDT2520-CNR47M	0.47	\pm 20	60	2.50
MDT2520-CN1R0M	1.0	\pm 20	85	2.15
MDT2520-CN1R5M	1.5	\pm 20	95	2.05
MDT2520-CN2R2M	2.2	\pm 20	105	1.95
MDT2520-CN3R3M	3.3	\pm 20	115	1.90
MDT2520-CN4R7M	4.7	\pm 20	125	1.80

- (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



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[CGA2B2C0G1H2R2C](#) [CGA2B2C0G1H3R3C](#) [CGA2B2C0G1H680J](#) [CGA2B2C0G1H6R8D](#) [CGA2B2X8R1H221K](#) [CGA2B2X8R1H472K](#)
[CGA3E1X7R1C474K](#)