VLS201610ET-R47N RoHS Reach Halogen Free Pb Free

| 用途       | 一般等级   |
|----------|--|
|          | Wire Wound 绕线  |
| 特点       | Shield 磁屏蔽   |
|          | Ferrite Core 铁氧体磁芯   |
| 系列  型    | VLS-E  |
| JD-l-    |  |
| <b>₩</b> | 量产体制(新设计非推荐)   |
| 状态       | 量产体制(新设计非推荐)<br>推荐代替型号: <u>VLS201610CX-R47M-1</u> (不保证其兼容性。) |



|           | 尺寸                                  |  |
|-----------|-------------------------------------|--|
| 长度(L)     | $2.00 \text{mm} \pm 0.10 \text{mm}$ |  |
| 宽度(W)     | $1.60$ mm $\pm 0.10$ mm             |  |
| 厚度   高低   | 0.95mm Max.                         |  |
| 推荐焊盘布局(A) | 0.65mm Nom.                         |  |
| 推荐焊盘布局(B) | 0.70mm Nom.                         |  |
| 推荐焊盘布局(C) | 1.60mm Nom.                         |  |

| 电气特性                |  |  |
|---------------------|--|--|
| 电感                  | $470 \mathrm{nH}~\pm 30\%$ at $1 \mathrm{MHz}$ |  |
| 额定电流(基于L变化) [Typ.]  | 2.1A (30% Down)                                |  |
| 额定电流(基于L变化) [Max.]  | 1.85A (30% Down)                               |  |
| 额定电流(基于温度上升) [Typ.] | 1.95A (40° C Rise)                             |  |
| 额定电流(基于温度上升) [Max.] |  |  |
| 直流电阻 [Typ.]         | 54m Ω  |  |
| 直流电阻 [Max.]         | 65m Ω  |  |
| 自我共振频率 [Min.]       |  |  |
| 自我共振频率[Typ.]        |  |  |
| Q [Min.]            |  |  |
| Q [Typ.]            |  |  |

| 3                | 其他             |
|------------------|----------------|
| 使用温度范围(包括自我温度上升) | -40∼105° C     |
| 焊接方法             | 回流             |
| AEC-Q200         | NO             |
| 包装形式             | 塑封编带 (180mm卷筒) |
| 包装个数             | 2000pcs        |
| 重量               | 0. 012g        |

<sup>!</sup> Images are for reference only and show exemplary products.

<sup>!</sup> This PDF document was created based on the data listed on the TDK Corporation website.

<sup>!</sup> All specifications are subject to change without notice.



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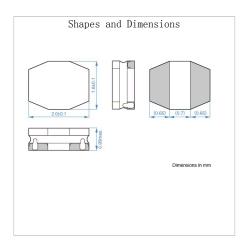
特性图表(这是参考数据,并不保证产品的特性。)

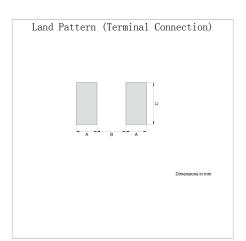
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## Associated Images





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