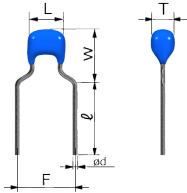


|      |                                                                                                         |
|------|---------------------------------------------------------------------------------------------------------|
| 产品状态 | 量产体制                                                                                                    |
| 用途   | 车载等级                                                                                                    |
| 特点   | AEC-Q200AEC-Q200<br>Mid中耐压（100～630V）<br>Halogen-free无卤素                                                 |
| 系列   | FA                                                                                                      |
| 品牌   | TDK                                                                                                     |
| 环境认证 | <div><div>RoHS</div><div>REACH<br/>SVHC Free</div><div>Halogen<br/>Free</div><div>Lead Free</div></div> |



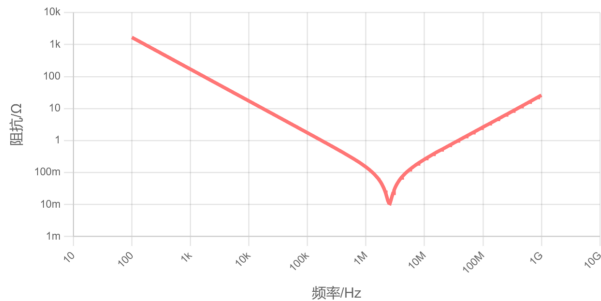
| 尺寸       |                          |
|----------|--------------------------|
| 长度 (L)   | 4. 50mm Max.             |
| 宽度 (W)   | 5. 50mm Max.             |
| 厚度 (T)   | 3. 00mm Max.             |
| 导线间距 (F) | 5. 00mm +0. 80, -0. 20mm |
| 导线直径 (d) | 0. 50mm +0. 10, -0. 03mm |

| 电气特性         |            |
|--------------|------------|
| 电容           | 1 μ F ±10% |
| 额定电压         | 100VDC     |
| 耐电压          | 250VDC     |
| 温度特性         | X7S (±22%) |
| 耗散因数 (Max. ) | 5%         |
| 绝缘电阻 (Min. ) | 500M Ω     |

| 其他        |            |
|-----------|------------|
| 焊接方法      | 流体<br>烙铁焊接 |
| 导线长度/包装种类 | 卷带         |
| AEC-Q200  | YES        |
| 包装个数      | 2000pcs    |

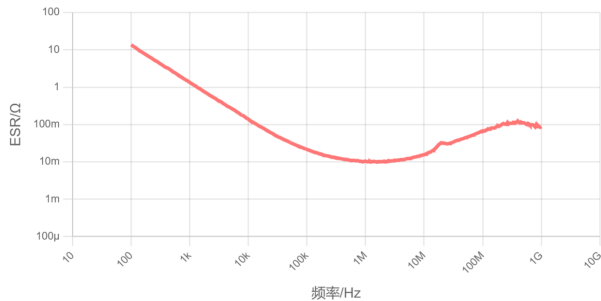
特性图表 (这是参考数据，并不保证产品的特性。)

阻抗



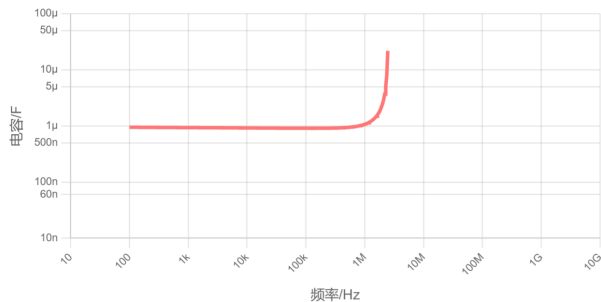
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ESR



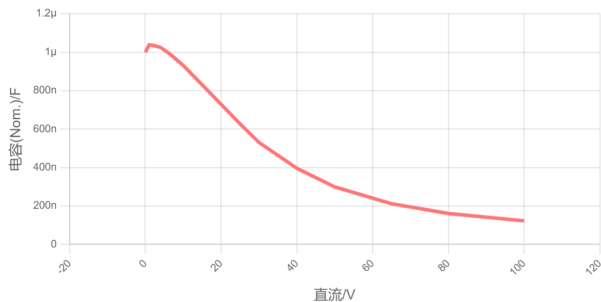
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电容



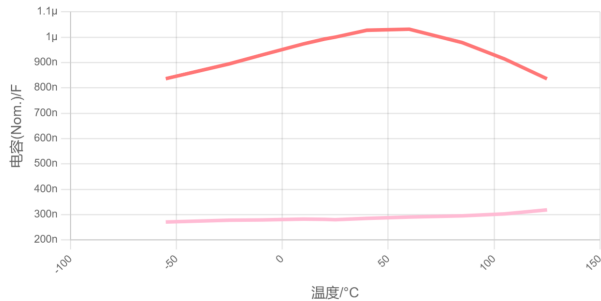
FA24X7S2A105KRU06

DC偏置特性



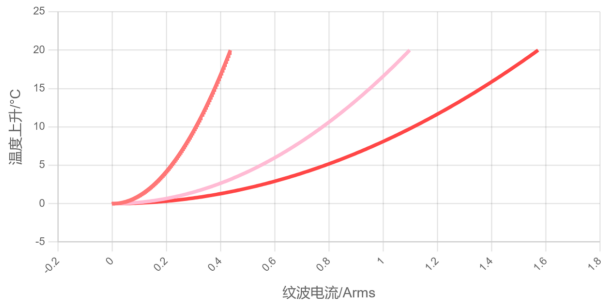
FA24X7S2A105KRU06

温度特性



FA24X7S2A105KRU06 (No Bias) FA24X7S2A105KRU06 (DC Bias = 50V)

纹波温度上升



FA24X7S2A105KRU06 (10kHz) FA24X7S2A105KRU06 (100kHz) FA24X7S2A105KRU06 (1MHz)