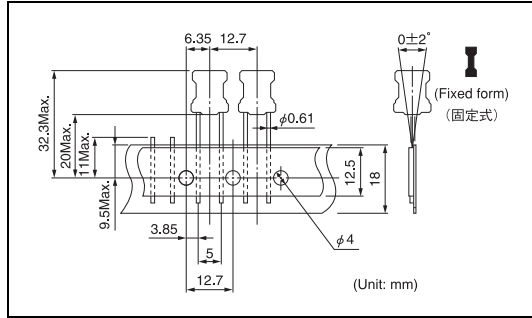
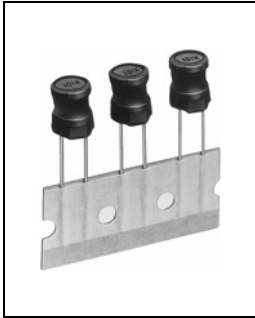


## 8RHT2

Inductance Range/电感值范围:1.0~1000μH



### FEATURES 特点

- Ideal as a choke coil for noise filtering and DC-DC Converter application.
- Tape for automated Assembly.
- RoHS compliant.
- 是为噪音过滤以及DC/DC转换器使用的扼流线圈的理想选择。
- 自动化装配编带。
- 符合RoHS指令。

### TOKO STANDARD PART NUMBERS 东光标准零件号码

#### TYPE 8RHT2 / 8RHT2型

| 东光零件号码           | 电感值 <sup>(1)</sup>             | 公差            | 最大直流电阻 <sup>(4)</sup>                 | 最大额定直流电流 <sup>(2)</sup>                  | 最小自谐振频率 <sup>(3)(5)</sup>                            |
|------------------|--------------------------------|---------------|---------------------------------------|--|--|
| TOKO Part Number | Inductance <sup>(1)</sup> (μH) | Tolerance (%) | DC Resistance <sup>(4)</sup> (Ω) Max. | Rated DC Current <sup>(2)</sup> (A) Max. | Self-resonant Frequency <sup>(3)(5)</sup> (MHz) Min. |
| #A823LY-1R0M=R   | 1.0                            | ± 20          | 0.013                                 | 3.71                                     | 150  |
| #A823LY-1R5M=R   | 1.5                            | ± 20          | 0.016                                 | 3.32                                     | 130  |
| #A823LY-2R2M=R   | 2.2                            | ± 20          | 0.021                                 | 3.15                                     | 100  |
| #A823LY-3R3M=R   | 3.3                            | ± 20          | 0.025                                 | 2.66                                     | 79   |
| #A823LY-4R7M=R   | 4.7                            | ± 20          | 0.030                                 | 2.27                                     | 51   |
| #A823LY-6R8M=R   | 6.8                            | ± 20          | 0.035                                 | 2.10                                     | 29   |
| #A823LY-100K=R   | 10.0                           | ± 10          | 0.045                                 | 1.96                                     | 14   |
| #A823LY-120K=R   | 12.0                           | ± 10          | 0.050                                 | 1.82                                     | 13   |
| #A823LY-150K=R   | 15.0                           | ± 10          | 0.056                                 | 1.75                                     | 12   |
| #A823LY-180K=R   | 18.0                           | ± 10          | 0.061                                 | 1.54                                     | 11   |
| #A823LY-220K=R   | 22.0                           | ± 10          | 0.070                                 | 1.29                                     | 9.2  |
| #A823LY-270K=R   | 27.0                           | ± 10          | 0.080                                 | 1.22                                     | 8.5  |
| #A823LY-330K=R   | 33.0                           | ± 10          | 0.090                                 | 1.17                                     | 7.8  |
| #A823LY-390K=R   | 39.0                           | ± 10          | 0.10                                  | 1.14                                     | 6.9  |
| #A823LY-470K=R   | 47.0                           | ± 10          | 0.17                                  | 0.79                                     | 6.5  |
| #A823LY-560K=R   | 56.0                           | ± 10          | 0.20                                  | 0.76                                     | 5.4  |
| #A823LY-680K=R   | 68.0                           | ± 10          | 0.22                                  | 0.70                                     | 4.9  |
| #A823LY-820K=R   | 82.0                           | ± 10          | 0.25                                  | 0.67                                     | 4.1  |
| #A823LY-101K=R   | 100.0                          | ± 10          | 0.28                                  | 0.58                                     | 3.7  |
| #A823LY-121K=R   | 120.0                          | ± 10          | 0.32                                  | 0.56                                     | 3.4  |
| #A823LY-151K=R   | 150.0                          | ± 10          | 0.54                                  | 0.42                                     | 3.2  |
| #A823LY-181K=R   | 180.0                          | ± 10          | 0.60                                  | 0.40                                     | 2.8  |
| #A823LY-221K=R   | 220.0                          | ± 10          | 0.68                                  | 0.38                                     | 2.7  |
| #A823LY-271K=R   | 270.0                          | ± 10          | 0.80                                  | 0.35                                     | 2.4  |
| #A823LY-331K=R   | 330.0                          | ± 10          | 0.90                                  | 0.33                                     | 2.3  |
| #A823LY-391K=R   | 390.0                          | ± 10          | 1.20                                  | 0.28                                     | 2.1  |
| #A823LY-471K=R   | 470.0                          | ± 10          | 1.37                                  | 0.25                                     | 1.9  |
| #A823LY-561K=R   | 560.0                          | ± 10          | 1.53                                  | 0.23                                     | 1.8  |
| #A823LY-681K=R   | 680.0                          | ± 10          | 2.00                                  | 0.21                                     | 1.6  |
| #A823LY-821K=R   | 820.0                          | ± 10          | 2.70                                  | 0.18                                     | 1.5  |
| #A823LY-102K=R   | 1000.0                         | ± 10          | 2.96                                  | 0.16                                     | 1.3  |

- (1) Inductance is measured with a LCR meter 4284A (Agilent Technologies) or equivalent. Test Frequency at 1.0kHz
- (2) Rated DC current is that which causes a 10% inductance reduction from the initial value, or coil temperature to rise by 20°C, whichever is smaller. (Reference ambient temperature 20°C)
- (3) Self-resonant frequency is measured with a network analyzer model 3577(HP), MS560J (Anritsu), or equivalent.
- (4) DC resistance is measured with a digital multimeter TR6871 (Advantest) or equivalent.
- (5) Self-resonant frequency is for reference only.

- (1) 使用LCR仪表4284A (Agilent技术) 或者功能相同的仪器测试电感值。测试频率为1.0kHz。
- (2) 额定直流电流是引起电感值从最初值减小10%，或者线圈温度升高20°C，两者中较小的一个。(参考环境温度为20°C)
- (3) 使用网络分析器3577(HP), MS560J (Anritsu) 或者功能相同的仪器测试自谐振频率。
- (4) 使用数码万用表TR6871 (Advantest) 或者功能相同的工具测试直流电阻。
- (5) 自谐振频率仅供参考。