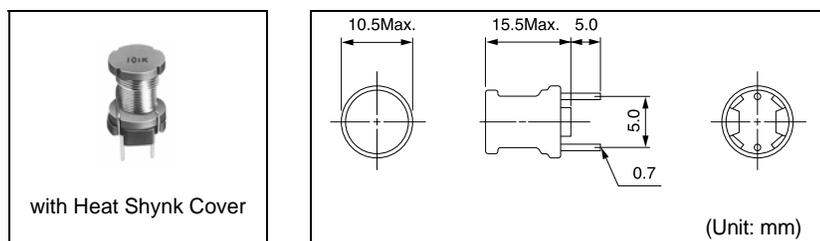


10RHB2

Inductance Range: 10~3900μH

DIMENSIONS / 外形寸法図



FEATURES / 特長

- Open magnetic circuit construction.
- High rated current.
- 5 mm-pitch, 2-terminals fixed inductor.
- Ideal for use as choke coil for high current DC circuits in all types of electronic instruments.
- RoHS compliant.
- 開磁路構造
- 定格電流が大きい
- 5mmピッチの2端子形固定インダクタ
- 各種電子機器の大電流回路チョークコイルに最適
- RoHS指令対応

SELECTION GUIDE FOR STANDARD COILS

TYPE 10RHB2 Covered with Heat Shrink Cover 熱収縮チューブカバー付

| 東光品番 | インダクタンス ⁽¹⁾ | 許容差 | 直流抵抗 ⁽⁴⁾ | 最大許容電流 ⁽²⁾ | 自己共振周波数 ⁽³⁾⁽⁵⁾ |
|------------------|----------------------------------|---------------|---------------------------------------|--|--|
| TOKO Part Number | Inductance ⁽¹⁾ L (μH) | Tolerance (%) | DC Resistance ⁽⁴⁾ (Ω) Max. | Rated DC Current ⁽²⁾ (A) Max. | Self-resonant Frequency ⁽³⁾⁽⁵⁾ (MHz) Min. |
| #824LY-100K | 10 | ± 10 | 0.052 | 2.20 | 44 |
| #824LY-120K | 12 | ± 10 | 0.059 | 2.00 | 33 |
| #824LY-150K | 15 | ± 10 | 0.065 | 1.93 | 25 |
| #824LY-180K | 18 | ± 10 | 0.071 | 1.77 | 16 |
| #824LY-220K | 22 | ± 10 | 0.076 | 1.72 | 12 |
| #824LY-270K | 27 | ± 10 | 0.082 | 1.56 | 8.3 |
| #824LY-330K | 33 | ± 10 | 0.086 | 1.49 | 5.9 |
| #824LY-390K | 39 | ± 10 | 0.095 | 1.40 | 4.9 |
| #824LY-470K | 47 | ± 10 | 0.11 | 1.29 | 4.1 |
| #824LY-560K | 56 | ± 10 | 0.12 | 1.25 | 4.0 |
| #824LY-680K | 68 | ± 10 | 0.13 | 1.24 | 3.9 |
| #824LY-820K | 82 | ± 10 | 0.14 | 1.04 | 3.6 |
| #824LY-101K | 100 | ± 10 | 0.18 | 1.02 | 2.8 |
| #824LY-121K | 120 | ± 10 | 0.19 | 0.94 | 2.6 |
| #824LY-151K | 150 | ± 10 | 0.22 | 0.92 | 2.2 |
| #824LY-181K | 180 | ± 10 | 0.25 | 0.85 | 2.1 |
| #824LY-221K | 220 | ± 10 | 0.28 | 0.82 | 1.9 |
| #824LY-271K | 270 | ± 10 | 0.46 | 0.60 | 1.6 |
| #824LY-331K | 330 | ± 10 | 0.50 | 0.56 | 1.5 |
| #824LY-391K | 390 | ± 10 | 0.56 | 0.52 | 1.4 |
| #824LY-471K | 470 | ± 10 | 0.62 | 0.48 | 1.3 |
| #824LY-561K | 560 | ± 10 | 0.69 | 0.45 | 1.2 |
| #824LY-681K | 680 | ± 10 | 0.79 | 0.44 | 1.1 |
| #824LY-821K | 820 | ± 10 | 0.86 | 0.40 | 1.0 |
| #824LY-102K | 1000 | ± 10 | 1.60 | 0.31 | 0.87 |
| #824LY-122K | 1200 | ± 10 | 1.80 | 0.28 | 0.83 |
| #824LY-152K | 1500 | ± 10 | 2.10 | 0.27 | 0.77 |
| #824LY-182K | 1800 | ± 10 | 2.30 | 0.24 | 0.71 |
| #824LY-222K | 2200 | ± 10 | 2.60 | 0.24 | 0.66 |
| #824LY-272K | 2700 | ± 10 | 3.35 | 0.19 | 0.61 |
| #824LY-332K | 3300 | ± 10 | 4.00 | 0.18 | 0.52 |
| #824LY-392K | 3900 | ± 10 | 4.50 | 0.16 | 0.48 |

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TYPE 10RHB2 without Cover カバー無し

| 東光品番 | インダクタンス ⁽¹⁾ | 許容差 | 直流抵抗 ⁽⁴⁾ | 最大許容電流 ⁽²⁾ | 自己共振周波数 ⁽³⁾⁽⁵⁾ |
|------------------|-------------------------------------|---------------|--|---|--|
| TOKO Part Number | Inductance ⁽¹⁾ L (μH) | Tolerance (%) | DC Resistance ⁽⁴⁾ (Ω) Max. | Rated DC Current ⁽²⁾ (A) Max. | Self-resonant Frequency ^{(3) (5)} (MHz) Min. |
| #824LYF-100K | 10 | ± 10 | 0.052 | 2.20 | 44 |
| #824LYF-120K | 12 | ± 10 | 0.059 | 2.00 | 33 |
| #824LYF-150K | 15 | ± 10 | 0.065 | 1.93 | 25 |
| #824LYF-180K | 18 | ± 10 | 0.071 | 1.77 | 16 |
| #824LYF-220K | 22 | ± 10 | 0.076 | 1.72 | 12 |
| #824LYF-270K | 27 | ± 10 | 0.082 | 1.56 | 8.3 |
| #824LYF-330K | 33 | ± 10 | 0.086 | 1.49 | 5.9 |
| #824LYF-390K | 39 | ± 10 | 0.095 | 1.40 | 4.9 |
| #824LYF-470K | 47 | ± 10 | 0.11 | 1.29 | 4.1 |
| #824LYF-560K | 56 | ± 10 | 0.12 | 1.25 | 4.0 |
| #824LYF-680K | 68 | ± 10 | 0.13 | 1.24 | 3.9 |
| #824LYF-820K | 82 | ± 10 | 0.14 | 1.04 | 3.6 |
| #824LYF-101K | 100 | ± 10 | 0.18 | 1.02 | 2.8 |
| #824LYF-121K | 120 | ± 10 | 0.19 | 0.94 | 2.6 |
| #824LYF-151K | 150 | ± 10 | 0.22 | 0.92 | 2.2 |
| #824LYF-181K | 180 | ± 10 | 0.25 | 0.85 | 2.1 |
| #824LYF-221K | 220 | ± 10 | 0.28 | 0.82 | 1.9 |
| #824LYF-271K | 270 | ± 10 | 0.46 | 0.60 | 1.6 |
| #824LYF-331K | 330 | ± 10 | 0.50 | 0.56 | 1.5 |
| #824LYF-391K | 390 | ± 10 | 0.56 | 0.52 | 1.4 |
| #824LYF-471K | 470 | ± 10 | 0.62 | 0.48 | 1.3 |
| #824LYF-561K | 560 | ± 10 | 0.69 | 0.45 | 1.2 |
| #824LYF-681K | 680 | ± 10 | 0.79 | 0.44 | 1.1 |
| #824LYF-821K | 820 | ± 10 | 0.86 | 0.40 | 1.0 |
| #824LYF-102K | 1000 | ± 10 | 1.60 | 0.31 | 0.87 |
| #824LYF-122K | 1200 | ± 10 | 1.80 | 0.28 | 0.83 |
| #824LYF-152K | 1500 | ± 10 | 2.10 | 0.27 | 0.77 |
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| #824LYF-222K | 2200 | ± 10 | 2.60 | 0.24 | 0.66 |
| #824LYF-272K | 2700 | ± 10 | 3.35 | 0.19 | 0.61 |
| #824LYF-332K | 3300 | ± 10 | 4.00 | 0.18 | 0.52 |
| #824LYF-392K | 3900 | ± 10 | 4.50 | 0.16 | 0.48 |

- (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 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) インダクタンスはLCRメータ4284A(Agilent Technologies)または同等品で測定する。測定周波数は1.0kHzです。
- (2) 最大許容電流は、直流重畳電流を流した時インダクタンスの値が初期値より10%減少する直流電流値、または直流電流により、コイルの温度が20 上昇の何れか小さい値です。(周囲温度20 を基準とする。)
- (3) 自己共振周波数はネットワークアナライザMS560J (Anritsu)または同等品により測定する。
- (4) 直流抵抗はデジタルマルチメータTR6871(Advantest)または同等品により測定する。
- (5) 自己共振周波数は、参考値です。