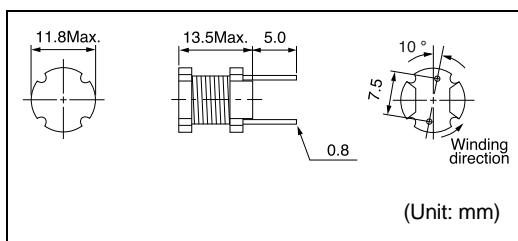


12RYB

 Inductance Range: 10~4700 μ H

DIMENSIONS / 外形寸法図

FEATURES / 特長

- Ideal as a choke coil for noise filtering and DC-DC Converter application.
- RoHS compliant.
- ノイズフィルタやDC-DCコンバータ用インダクタに最適
- RoHS指令対応

SELECTION GUIDE FOR STANDARD COILS
TYPE 12RYB

| 東光品番 TOKO Part Number | インダクタンス ⁽¹⁾ Inductance ⁽¹⁾ (μ H) | 許容差 Tolerance (%) | 直流抵抗 ⁽³⁾ DC Resistance ⁽³⁾ (Ω) Max. | 最大許容電流 ⁽²⁾ Rated DC Current ⁽²⁾ (A) Max. |
|--------------------------------|---|-------------------------|---|---|
| 7025LYF-100K | 10 | ± 10 | 0.040 | 4.6 |
| 7025LYF-120K | 12 | ± 10 | 0.044 | 4.2 |
| 7025LYF-150K | 15 | ± 10 | 0.048 | 3.8 |
| 7025LYF-180K | 18 | ± 10 | 0.054 | 3.4 |
| 7025LYF-220K | 22 | ± 10 | 0.060 | 3.0 |
| 7025LYF-270K | 27 | ± 10 | 0.068 | 2.8 |
| 7025LYF-330K | 33 | ± 10 | 0.074 | 2.5 |
| 7025LYF-390K | 39 | ± 10 | 0.081 | 2.3 |
| 7025LYF-470K | 47 | ± 10 | 0.090 | 2.1 |
| 7025LYF-560K | 56 | ± 10 | 0.10 | 1.9 |
| 7025LYF-680K | 68 | ± 10 | 0.11 | 1.8 |
| 7025LYF-820K | 82 | ± 10 | 0.13 | 1.6 |
| 7025LYF-101K | 100 | ± 10 | 0.14 | 1.4 |
| 7025LYF-121K | 120 | ± 10 | 0.16 | 1.3 |
| 7025LYF-151K | 150 | ± 10 | 0.18 | 1.2 |
| 7025LYF-181K | 180 | ± 10 | 0.20 | 1.1 |
| 7025LYF-221K | 220 | ± 10 | 0.23 | 1.0 |
| 7025LYF-271K | 270 | ± 10 | 0.26 | 0.90 |
| 7025LYF-331K | 330 | ± 10 | 0.46 | 0.80 |
| 7025LYF-391K | 390 | ± 10 | 0.51 | 0.70 |
| 7025LYF-471K | 470 | ± 10 | 0.59 | 0.65 |
| 7025LYF-561K | 560 | ± 10 | 0.65 | 0.62 |
| 7025LYF-681K | 680 | ± 10 | 0.73 | 0.57 |
| 7025LYF-821K | 820 | ± 10 | 0.84 | 0.52 |
| 7025LYF-102K | 1000 | ± 10 | 1.40 | 0.46 |
| 7025LYF-122K | 1200 | ± 10 | 1.50 | 0.42 |
| 7025LYF-152K | 1500 | ± 10 | 1.80 | 0.38 |
| 7025LYF-182K | 1800 | ± 10 | 2.00 | 0.35 |
| 7025LYF-222K | 2200 | ± 10 | 2.20 | 0.31 |
| 7025LYF-272K | 2700 | ± 10 | 2.60 | 0.28 |
| 7025LYF-332K | 3300 | ± 10 | 3.50 | 0.26 |
| 7025LYF-392K | 3900 | ± 10 | 4.00 | 0.24 |
| 7025LYF-472K | 4700 | ± 10 | 4.50 | 0.22 |

(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 40°C, whichever is smaller. (Reference ambient temperature 20°C)

(3) DC resistance is measured with a digital multimeter TR6871 (Advantest) or equivalent.

(1) インダクタンスはLCRメータ4284A(Agilent Technologies)または同等品により測定する。
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40℃上昇の何れか小さい値です。(周囲温度20℃を基準とする。)

(3) 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。