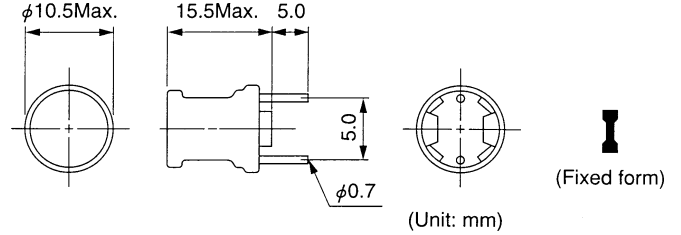


TYPE 10RHB2

Frequency Range: 10-200kHz
Inductance Range: 10μH-3.9mH
Temperature Coefficient: 400ppm/°C max



Features

- Open magnetic circuit construction.
- High rated current.
- 5mm-pitch fixed inductor.
- Ideal for use in chokes for high current circuits in all types of electronic instruments.

STANDARD PARTS SELECTION GUIDE

- (1) Inductance is measured with a LCD meter 4284A (HP) or equivalent.
- (2) Maximum allowable 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.

TYPE 10RHB2 with Heat Shrink Covering

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

continued on next page

continued from previous page

TYPE 10RHB2 without Heat Shrink Covering

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