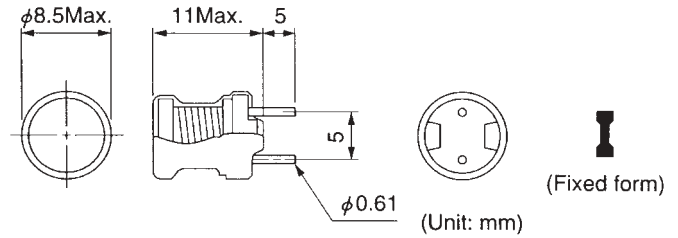


TYPE 8RHB2

Frequency Range: 1-200kHz

Inductance Range: 1.0-1000μH

Temperature Coefficient: 400ppm/°C, max.



Features

- Ideal as a choke coil for noise filtering and DC/DC converter applications.
- Lead-free terminations

Note: Taped form is Type 8RHT2

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 8RHB2

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.
#822LY-1R0M	1.0±20%	1	0.013	3.71	150
#822LY-1R5M	1.5±20%	1	0.016	3.32	130
#822LY-2R2M	2.2±20%	1	0.021	3.15	100
#822LY-3R3M	3.3±20%	1	0.025	2.66	79
#822LY-4R7M	4.7±20%	1	0.030	2.27	51
#822LY-6R8M	6.8±20%	1	0.035	2.10	29
#822LY-100K	10±10%	1	0.045	1.96	14
#822LY-120K	12±10%	1	0.050	1.82	13
#822LY-150K	15±10%	1	0.056	1.75	12
#822LY-180K	18±10%	1	0.061	1.54	11
#822LY-220K	22±10%	1	0.070	1.29	9.2
#822LY-270K	27±10%	1	0.080	1.22	8.5
#822LY-330K	33±10%	1	0.090	1.17	7.8
#822LY-390K	39±10%	1	0.10	1.14	6.9
#822LY-470K	47±10%	1	0.17	0.79	6.5
#822LY-560K	56±10%	1	0.20	0.76	5.4
#822LY-680K	68±10%	1	0.22	0.70	4.9
#822LY-820K	82±10%	1	0.25	0.67	4.1
#822LY-101K	100±10%	1	0.28	0.58	3.7
#822LY-121K	120±10%	1	0.32	0.56	3.4
#822LY-151K	150±10%	1	0.54	0.42	3.2
#822LY-181K	180±10%	1	0.60	0.40	2.8
#822LY-221K	220±10%	1	0.68	0.38	2.7
#822LY-271K	270±10%	1	0.80	0.35	2.4
#822LY-331K	330±10%	1	0.90	0.33	2.3
#822LY-391K	390±10%	1	1.2	0.28	2.1
#822LY-471K	470±10%	1	1.37	0.25	1.9
#822LY-561K	560±10%	1	1.53	0.23	1.8
#822LY-681K	680±10%	1	2.0	0.21	1.6
#822LY-821K	820±10%	1	2.7	0.18	1.5
#822LY-102K	1,000±10%	1	2.96	0.16	1.3