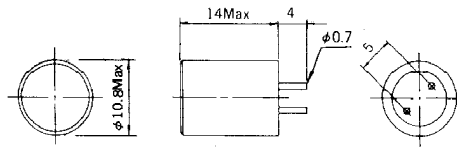


TYPE 10RB Fixed Inductor

Frequency Range: 10-200KHz

Inductance Range: 1-120mH

Temperature Coefficient: 1000ppm/°C, max.



Unit: mm



(Fixed Inductor)

Features

- Ideal as a choke coil for noise filtering.
- Suitable for use in audio processing circuits for low, high and bandpass filtering.

STANDARD PARTS SELECTION GUIDE

(1) Add tolerance code as indicated within the () of the part number:
J=±5%, K=±10%.

(2) L measured at 1KHz by universal bridge or equivalent.

(3) Q measured at 50KHz by Q meter YHP-4343B or equivalent.

(4) The rated DC current is that which the inductance value decreases 10% by the excitation DC current, measured at 1KHz by universal bridge of equivalent.

(5) Self resonant frequency is for reference only.

TYPE 10RB

TOKO Part Number ⁽¹⁾	Inductance ⁽²⁾ (mH)	Q ⁽³⁾ (min.)	DC Resistance () max.	Rated DC Current ⁽⁴⁾ (mA) max.	Self Resonant Frequency ⁽⁵⁾ (MHz) min.
181LY-102()	1.0	70	3.4	90	0.77
181LY-122()	1.2	70	3.7	75	0.70
181LY-152()	1.5	70	4.0	70	0.64
181LY-182()	1.8	70	4.5	65	0.57
181LY-222()	2.2	70	5.2	60	0.51
181LY-272()	2.7	70	5.8	55	0.48
181LY-332()	3.3	100	6.1	50	0.44
181LY-392()	3.9	100	7.2	45	0.41
181LY-472()	4.7	100	7.5	40	0.38
181LY-562()	5.6	100	8.4	40	0.35
181LY-682()	6.8	100	9.7	35	0.32
181LY-822()	8.2	100	10.4	30	0.28
181LY-103()	10.0	100	12.1	25	0.25
181LY-123()	12.0	100	13.0	25	0.22
181LY-153()	15.0	100	15.0	20	0.22
181LY-183()	18.0	100	17.0	22	0.19
181LY-223()	22.0	100	19.5	21	0.19
181LY-273()	27.0	100	22.0	18	0.16
181LY-333()	33.0	100	26.0	17	0.16
181LY-363()	36.0	100	27.0	16	0.20
181LY-393()	39.0	100	45.0	15	0.12
181LY-473()	47.0	100	52.0	13	0.12
181LY-563()	56.0	100	58.0	12	0.12
181LY-683()	68.0	100	67.0	11	0.09
181LY-823()	82.0	100	71.0	10	0.09
181LY-104()	100.0	100	82.0	9	0.09
181LY-124()	120.0	100	97.0	8	0.08