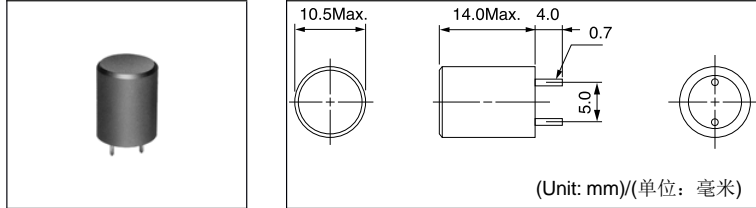


10RB

Inductance Range / 电感值范围 : 1.0~120mH
DIMENSIONS / 尺寸

FEATURES / 特点

- Magnetically shielded construction. • 磁性屏蔽结构。
- Suitable for large current. • 适合大电流。
- RoHS compliant. • 符合RoHS指令。

SELECTION GUIDE FOR STANDARD COILS / 标准线圈选择指南
TYPE 10RB / 10RB型

东光零件号码	电感值 ⁽¹⁾	公差	Q ⁽³⁾	最大直流电阻 ⁽⁴⁾	最大额定直流电流 ⁽²⁾	最小自谐振频率 ⁽³⁾⁽⁵⁾
TOKO Part Number ⁽¹⁾	Inductance ⁽²⁾ (mH)	Tolerance (%)	Q ⁽³⁾ Min.	DC Resistance (Ω) Max.	Rated DC Current ⁽⁴⁾ (mA) Max.	Self-resonant Frequency ⁽⁵⁾ (MHz) Min.
#181LY-102()	1.0	±5, ±10	70	3.4	55	0.77
#181LY-122()	1.2	±5, ±10	70	3.7	52	0.70
#181LY-152()	1.5	±5, ±10	70	4.0	47	0.64
#181LY-182()	1.8	±5, ±10	70	4.5	44	0.57
#181LY-222()	2.2	±5, ±10	70	5.2	41	0.51
#181LY-272()	2.7	±5, ±10	70	5.8	37	0.48
#181LY-332()	3.3	±5, ±10	100	6.1	33	0.44
#181LY-392()	3.9	±5, ±10	100	7.2	30	0.41
#181LY-472()	4.7	±5, ±10	100	7.5	28	0.38
#181LY-562()	5.6	±5, ±10	100	8.4	25	0.35
#181LY-682()	6.8	±5, ±10	100	9.7	23	0.32
#181LY-822()	8.2	±5, ±10	100	10.4	21	0.28
#181LY-103()	10.0	±5, ±10	100	12.1	18	0.25
#181LY-123()	12.0	±5, ±10	100	13.0	17	0.22
#181LY-153()	15.0	±5, ±10	100	15.0	15	0.22
#181LY-183()	18.0	±5, ±10	100	17.0	13	0.19
#181LY-223()	22.0	±5, ±10	100	19.5	11	0.19
#181LY-273()	27.0	±5, ±10	100	22.0	10	0.16
#181LY-333()	33.0	±5, ±10	100	26.0	9	0.16
#181LY-393()	39.0	±5, ±10	100	45.0	8	0.12
#181LY-473()	47.0	±5, ±10	100	52.0	8	0.12
#181LY-563()	56.0	±5, ±10	100	58.0	7	0.12
#181LY-683()	68.0	±5, ±10	100	67.0	6	0.09
#181LY-823()	82.0	±5, ±10	100	71.0	5	0.09
#181LY-104()	100.0	±5, ±10	100	82.0	5	0.09
#181LY-124()	120.0	±5, ±10	100	97.0	5	0.08

(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 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.

(1)使用LCR仪表4284A (Agilent技术) 或者功能相同的仪器在1.0kHz下测试电感值。
 (2)额定直流电流是引起电感值从最初值降低10%，或者线圈温度升高20°C，两者中比较小的一个。(参考周围环境温度20°C)
 (3)自谐振频率使用网络分析仪3577 (HP)、MS560J (Anritsu) 或者功能相同的仪器。
 (4)通过数码万用表TR6871 (Advantest) 或者相类似的工具测试直流电阻。
 (5)自谐振频率是仅供参考。