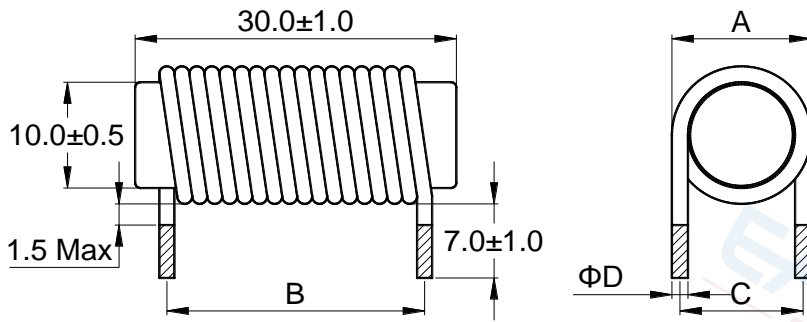


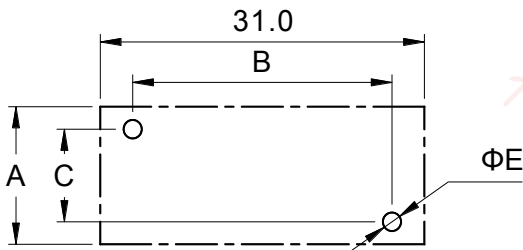
# Rod Choke Inductor



## 1 外形尺寸 Appearance and dimensions (mm)



## 2 参考焊孔尺寸 Reference hole pattern (mm)



Part No. 型号	A	B	C	D	E
	Max	±1.0	±0.5	±0.15	Ref.
8R2	14.5	25.5	12.0	1.60	2.00
100	14.0	22.5	11.7	1.30	1.70
150	13.5	24.0	11.5	1.10	1.50
220	13.5	28.0	11.4	1.00	1.40

## 3 电气特性 Electrical characteristics

Part No. 品名	Inductance (μH) 电感值 ※1 ±20%	D.C.R. (mΩ) 直流电阻		Saturation current (A) 饱和电流 ※2 Typical	Temperature rise current (A) 温升电流 ※3 Typical
		Typical	Max		
ARA1030-8R2M	8.20	4.95	6.43	31.0	21.6
ARA1030-100M	10.0	7.83	10.2	28.0	17.2
ARA1030-150M	15.0	13.7	17.8	23.5	13.0
ARA1030-220M	22.0	20.3	26.4	19.5	10.7

All data is tested based on 25°C ambient temperature.

所有数据基于环境温度 25°C 条件下测试。

※1 Inductance measure condition at 1kHz, 0.25V.

电感测试条件为 1kHz, 0.25V。

※2 Saturation current: the actual value of DC current when the inductance decrease 20% of its initial value.

饱和电流: 电感值下降其初始值的 20% 时所加载的实际直流电流值。

※3 Temperature rise current: the actual value of DC current when the temperature rise is ΔT40°C (Ta=25°C).

温升电流: 使产品温度上升到 ΔT40°C 时所加载的实际直流电流值 (Ta=25°C)。

※ Special remind: Circuit design, component placement, PWB size and thickness, cooling system and etc.

all will affect the product temperature. Please verify the product temperature in the final application.

特别提醒: 线路设计, 组件布局, 印刷电路板(PWB)尺寸及厚度, 散热系统等均会影响产品温度。

请务必在最终应用时, 验证产品发热状况。