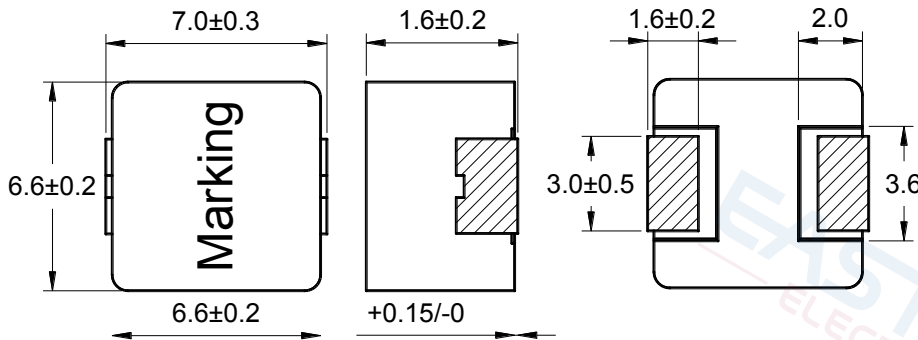


Molding Power Inductor



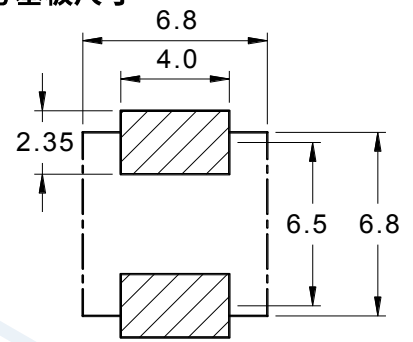
1 Appearance and dimensions (mm)

外形尺寸



2 Reference land pattern (mm)

参考基板尺寸



3 Electrical characteristics 电气特性

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		
ET7018-R10M	0.10	2.10	2.50	33.0	20.5
ET7018-R15M	0.15	4.00	5.00	27.0	15.0
ET7018-R47M	0.47	8.90	10.0	18.0	10.0
ET7018-R82M	0.82	11.9	14.5	14.0	8.60
ET7018-1R0M	1.00	15.4	17.0	12.0	7.60
ET7018-1R5M	1.50	25.8	28.0	9.00	5.90
ET7018-2R2M	2.20	30.5	35.0	7.50	5.40
ET7018-4R7M	4.70	61.5	70.0	5.00	3.70
ET7018-6R8M	6.80	101	110	3.50	2.90

All data is tested based on 25°C ambient temperature. 所有测试数据基于环境温度25°C条件下测试。

※1. Inductance measure condition at 100kHz, 0.1V. 电感测试条件为100kHz, 0.1V。

※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 (Ta=25).
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)