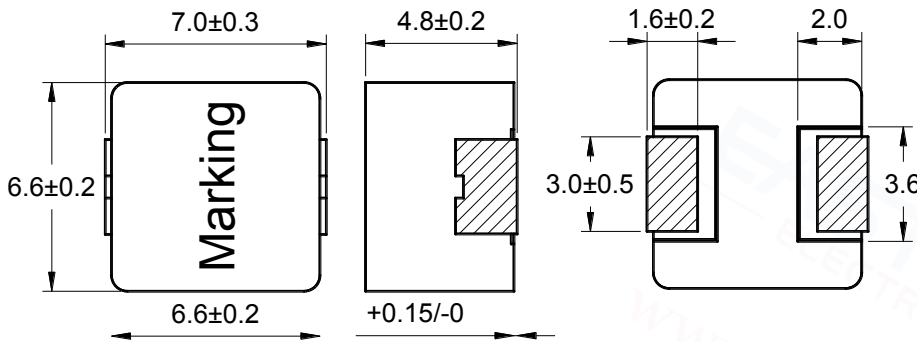


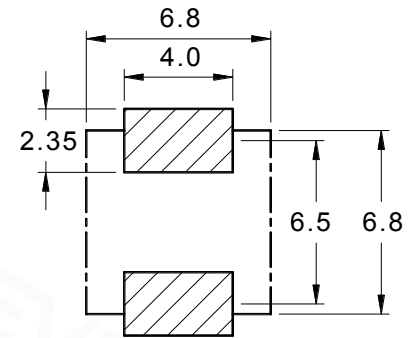
# Molding Power Inductor



## 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. 型号	Inductance (μH) 电感值 ※1 ±20%	D.C.R. (mΩ) 直流电阻		Saturation current (A) 饱和电流 ※2	Temperature rise current (A) 温升电流 ※3
		Typical	Max	Typical	Typical
ET7050-R22M	0.22	1.35	1.70	35.0	30.0
ET7050-1R5M	1.50	7.50	8.20	9.00	12.7
ET7050-2R2M	2.20	11.5	15.0	10.5	10.2
ET7050-3R3M	3.30	18.9	23.0	9.00	8.00
ET7050-4R7M	4.70	27.7	32.0	7.00	6.60
ET7050-6R8M	6.80	28.0	34.0	7.50	6.50
ET7050-8R2M	8.20	55.0	59.0	4.50	4.70
ET7050-100M	10.0	63.0	65.0	5.30	4.30
ET7050-220M	22.0	74.0	89.0	4.00	4.00
ET7050-470M	47.0	199	240	2.50	2.40
ET7050-560M	56.0	251	300	2.30	2.15

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)