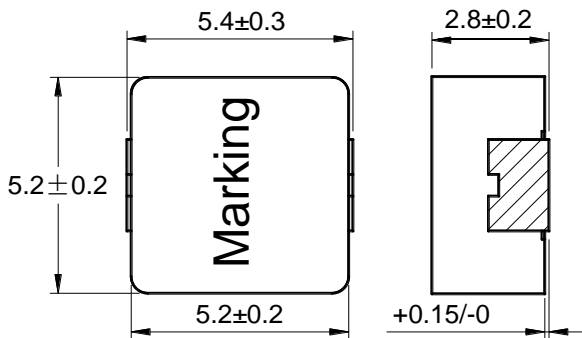


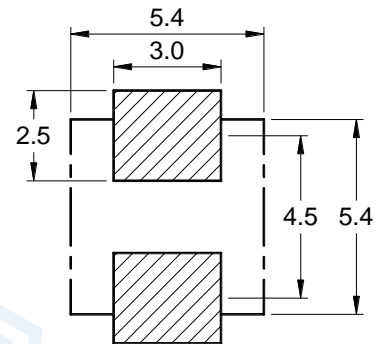
# Molding Power Inductor



## 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 Typical	Temperature rise current (A) 温升电流 ※3 Typical
		Typical	Max		
ET5030-R22M	0.22	3.30	4.00	19.0	16.3
ET5030-R33M	0.33	4.80	5.60	14.0	13.5
ET5030-R47M	0.47	8.80	11.0	14.0	10.0
ET5030-R68M	0.68	9.30	12.0	12.0	9.70
ET5030-1R0M	1.00	11.7	14.0	12.5	8.70
ET5030-1R5M	1.50	16.2	23.0	12.0	7.40
ET5030-2R2M	2.20	25.5	29.0	9.50	5.90
ET5030-3R3M	3.30	35.8	42.0	6.00	5.00
ET5030-4R7M	4.70	52.4	60.0	5.00	4.10
ET5030-5R6M	5.60	57.1	65.0	4.50	3.90
ET5030-6R8M	6.80	82.0	90.0	4.00	3.30
ET5030-8R2M	8.20	109	120	4.00	2.80
ET5030-100M	10.0	117	125	4.00	2.60
ET5030-220M	22.0	190	248	2.30	2.00

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)