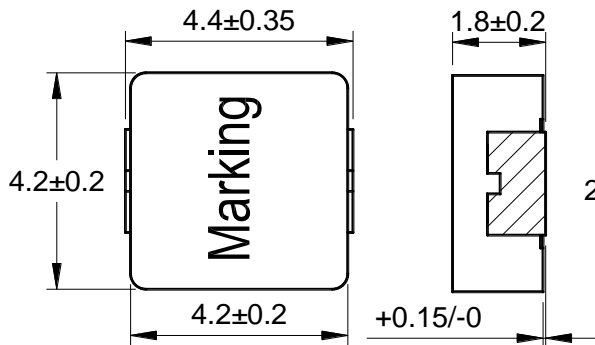


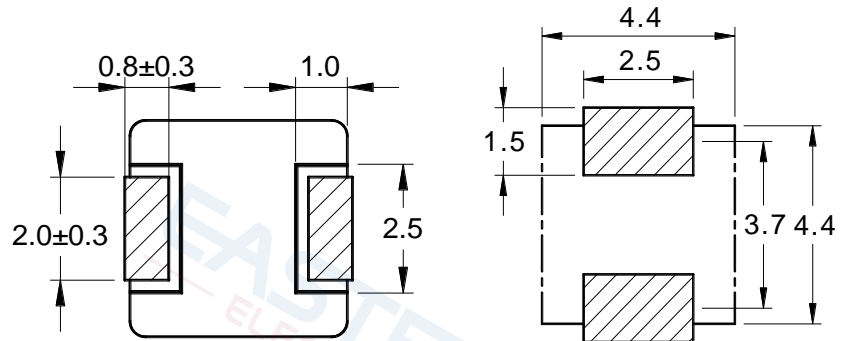
# Molding Power Inductor



## 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		
ET4020-R10M	0.10	3.25	4.00	28.0	15.6
ET4020-R22M	0.22	5.80	6.60	18.0	11.7
ET4020-R33M	0.33	8.10	10.5	12.0	9.90
ET4020-R47M	0.47	12.5	15.5	11.0	8.00
ET4020-R56M	0.56	13.0	16.0	10.0	7.90
ET4020-R68M	0.68	14.0	18.0	9.00	7.60
ET4020-1R0M	1.00	20.9	27.0	9.00	6.20
ET4020-1R2M	1.20	21.0	27.0	7.00	6.20
ET4020-1R5M	1.50	39.0	46.0	6.00	4.50
ET4020-1R8M	1.80	39.5	47.0	6.00	4.50
ET4020-2R2M	2.20	50.5	65.0	5.00	4.00
ET4020-2R9M	2.90	68.3	80.0	5.00	3.40
ET4020-3R3M	3.30	72.0	87.0	4.00	3.30
ET4020-4R7M	4.70	100	115	3.30	2.80
ET4020-6R8M	6.80	187	228	3.00	2.05
ET4020-100M	10.0	238	282	2.20	1.80

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)