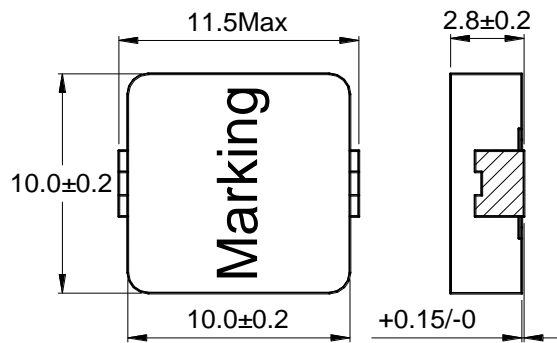


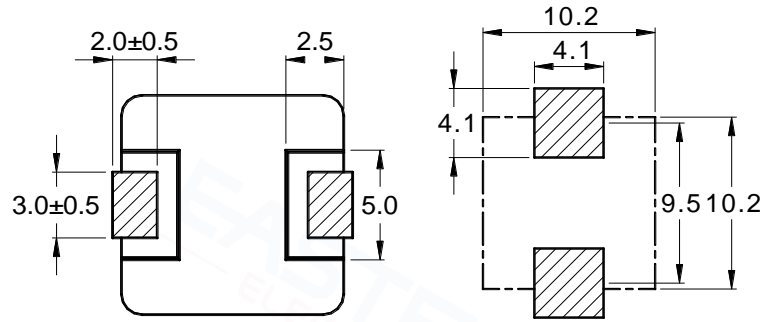
# Molding Power Inductor



## 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		
ET1030-R15M	0.15	0.70	0.84	45.0	40.0
ET1030-R22M	0.22	1.10	1.50	38.0	32.0
ET1030-R36M	0.36	1.50	1.80	28.0	27.0
ET1030-R47M	0.47	1.90	2.50	26.0	24.0
ET1030-R56M	0.56	2.00	3.00	24.0	23.5
ET1030-1R0M	1.00	5.00	6.00	21.0	15.0
ET1030-1R2M	1.20	6.00	7.00	20.0	13.6
ET1030-1R5M	1.50	6.60	7.50	20.0	13.0
ET1030-2R2M	2.20	9.40	11.2	16.0	10.8
ET1030-3R3M	3.30	14.3	18.0	15.5	8.80
ET1030-4R7M	4.70	21.5	24.0	12.0	7.20
ET1030-5R6M	5.60	24.5	29.0	10.0	6.70
ET1030-6R8M	6.80	30.5	43.0	10.0	6.00
ET1030-100M	10.0	44.3	55.0	7.50	5.00
ET1030-150M	15.0	71.0	77.0	6.00	3.90
ET1030-220M	22.0	89.0	99.0	5.00	3.50

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)