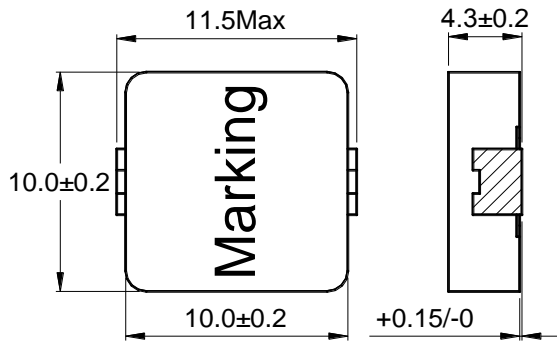


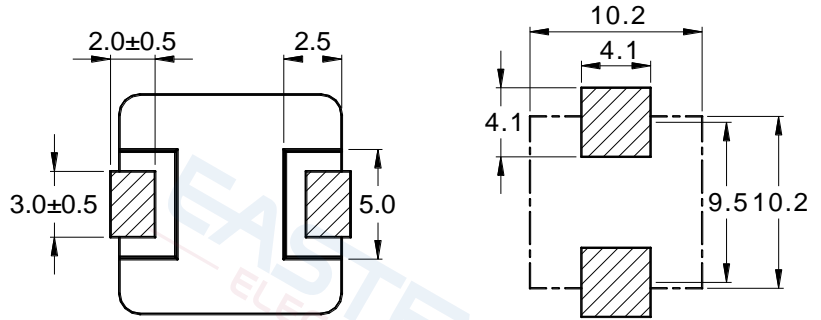
# Molding Power Inductor



## 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		
ET1045-R82M	0.82	2.40	2.80	30.0	22.5
ET1045-1R0M	1.00	2.60	3.20	34.0	21.5
ET1045-1R2M	1.20	4.00	4.50	27.0	17.5
ET1045-1R5M	1.50	5.00	6.00	26.0	15.5
ET1045-2R2M	2.20	7.30	8.20	16.0	13.0
ET1045-3R3M	3.30	9.70	13.2	14.5	11.0
ET1045-4R7M	4.70	11.4	15.0	13.0	10.2
ET1045-5R6M	5.60	14.0	18.5	10.5	9.20
ET1045-6R8M	6.80	18.3	24.0	9.50	8.10
ET1045-8R2M	8.20	22.6	30.0	11.0	7.20
ET1045-100M	10.0	25.5	28.0	10.0	6.90
ET1045-150M	15.0	39.5	45.0	7.00	5.50
ET1045-220M	22.0	51.1	61.5	7.00	4.90
ET1045-330M	33.0	73.4	95.0	7.00	4.10

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)