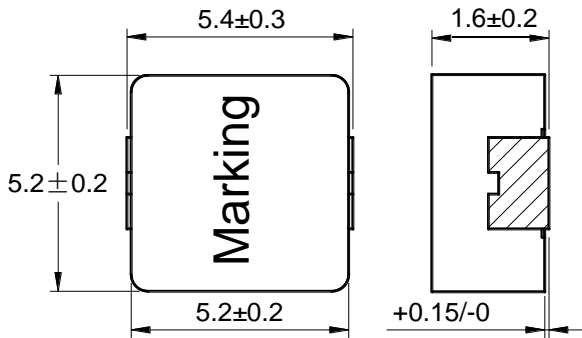


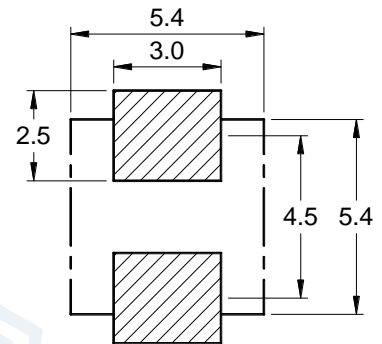
Molding Power Inductor



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		
ET5018-R47M	0.47	7.80	9.00	15.5	10.2
ET5018-R56M	0.56	8.00	10.0	15.0	10.0
ET5018-R68M	0.68	9.50	11.6	9.00	9.20
ET5018-1R0M	1.00	15.3	17.0	9.00	7.30
ET5018-1R2M	1.20	21.9	25.0	9.00	6.10
ET5018-1R5M	1.50	25.1	30.0	7.50	5.60
ET5018-2R2M	2.20	32.5	35.0	6.50	5.00
ET5018-3R3M	3.30	51.4	58.0	5.00	4.00
ET5018-4R7M	4.70	80.0	85.0	4.00	3.20
ET5018-6R8M	6.80	107	120	3.40	2.80

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)