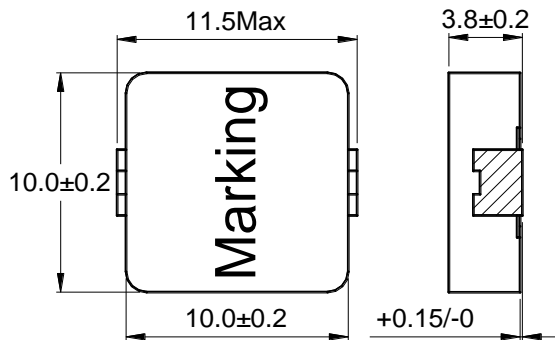


# Molding Power Inductor



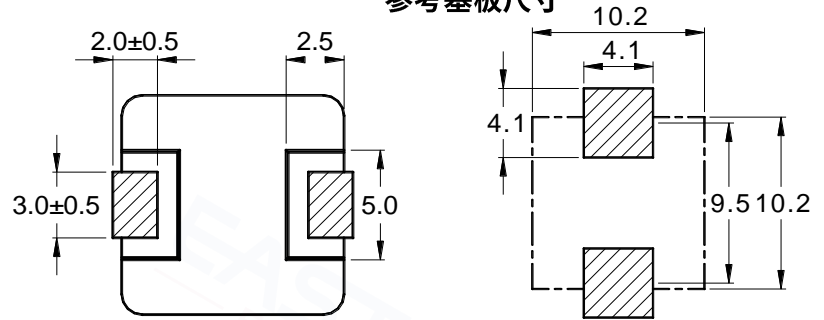
## 1 Appearance and dimensions (mm)

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		
ET1040-R15M	0.15	0.39	0.65	75.0	55.0
ET1040-R22M	0.22	0.67	1.00	48.0	42.0
ET1040-R36M	0.36	1.20	1.50	46.0	31.0
ET1040-R47M	0.47	1.20	1.60	42.0	31.0
ET1040-R56M	0.56	1.70	2.00	33.0	26.5
ET1040-R68M	0.68	1.90	2.40	33.0	25.0
ET1040-1R0M	1.00	2.50	3.30	28.0	21.5
ET1040-1R2M	1.20	3.40	3.90	28.0	18.5
ET1040-1R5M	1.50	3.60	4.20	26.0	18.0
ET1040-2R2M	2.20	6.70	8.00	25.0	13.2
ET1040-3R3M	3.30	10.3	11.8	16.0	10.7
ET1040-4R7M	4.70	12.0	20.0	15.0	9.90
ET1040-5R6M	5.60	17.9	23.0	14.0	8.10
ET1040-6R8M	6.80	20.0	23.5	12.0	7.70
ET1040-8R2M	8.20	22.2	27.0	9.50	7.30
ET1040-100M	10.0	24.7	30.0	9.30	6.90
ET1040-150M	15.0	35.4	45.0	7.00	5.80
ET1040-220M	22.0	54.0	66.0	6.00	4.70
ET1040-330M	33.0	86.0	92.0	5.00	3.70
ET1040-470M	47.0	126	145	4.50	3.10
ET1040-680M	68.0	176	195	3.80	2.60
ET1040-820M	82.0	254	305	3.00	2.20

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 Δ T40 (Ta=25 ).  
温升电流：使产品温度上升到 Δ T40 C时所加载的实际直流电流值(Ta=25 C)



Balun Transformer | Coupler | Divider | Inductor | Choke | Bead Air Coil | LAN Transformer