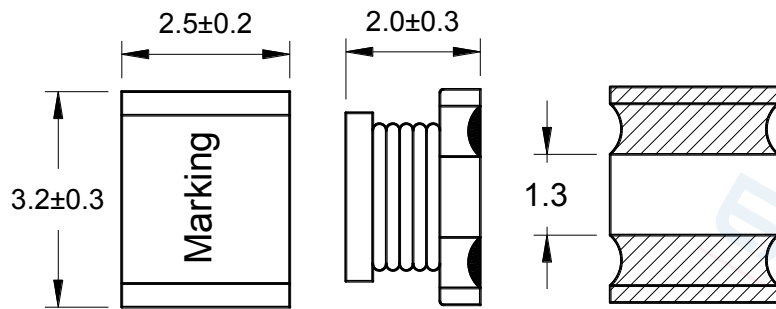


SMD Power Inductor



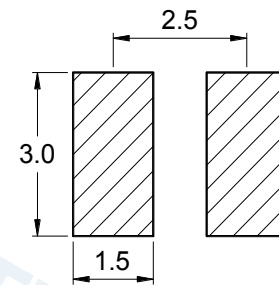
1 Appearance and dimensions (mm)

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	D.C.R. (mΩ) 直流电阻		Saturation current (A) 饱和电流 ※2		Temperature rise current (A) 温升电流 ※3
		Typical	Max	Typical	Max	Typical
EI322520-1R0M	1.00 ±20%	57.0	68.4	3.20	2.56	1.79
EI322520-2R2M	2.20 ±20%	80.0	96.0	2.50	2.00	1.51
EI322520-3R3M	3.30 ±20%	114	137	2.00	1.60	1.26
EI322520-4R7M	4.70 ±20%	142	170	1.60	1.28	1.13
EI322520-6R8M	6.80 ±20%	215	258	1.45	1.16	0.92
EI322520-8R2M	8.20 ±20%	255	306	1.25	1.00	0.85
EI322520-100K	10.0 ±10%	370	444	1.15	0.92	0.70
EI322520-120K	12.0 ±10%	403	484	1.05	0.84	0.67
EI322520-150K	15.0 ±10%	580	696	0.95	0.76	0.56
EI322520-180K	18.0 ±10%	620	744	0.90	0.72	0.54
EI322520-220K	22.0 ±10%	870	1,044	0.75	0.60	0.46
EI322520-270K	27.0 ±10%	935	1,122	0.70	0.56	0.44
EI322520-330K	33.0 ±10%	1,038	1,246	0.65	0.52	0.42
EI322520-390K	39.0 ±10%	1,200	1,440	0.60	0.48	0.39
EI322520-470K	47.0 ±10%	1,670	2,004	0.55	0.44	0.33
EI322520-560K	56.0 ±10%	1,800	2,160	0.50	0.40	0.32
EI322520-680K	68.0 ±10%	2,030	2,436	0.45	0.36	0.30
EI322520-820K	82.0 ±10%	2,940	3,528	0.40	0.32	0.25
EI322520-101K	100.0 ±10%	3,300	3,960	0.36	0.29	0.24

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)