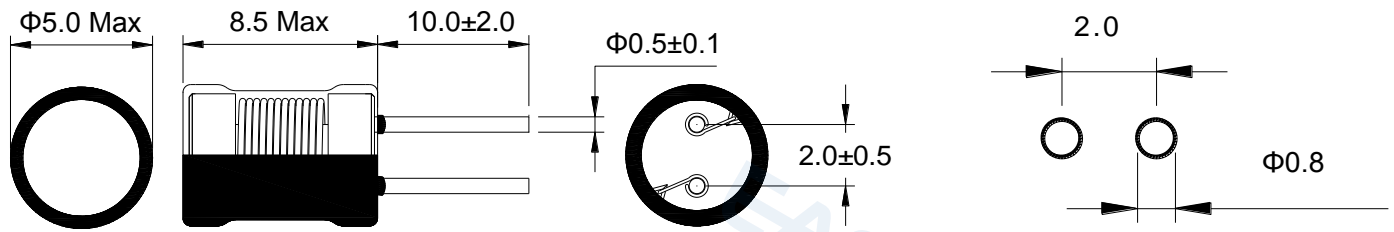


# Pin Power Inductor



## 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
DR2W0406-1R0M	1.00 ±20%	14.5	17.4	4.30	3.44	4.58
DR2W0406-2R2M	2.20 ±20%	22.0	26.4	2.90	2.32	3.48
DR2W0406-3R3M	3.30 ±20%	27.0	32.4	2.50	2.00	3.17
DR2W0406-4R7M	4.70 ±20%	36.8	44.2	2.00	1.60	2.83
DR2W0406-6R8M	6.80 ±20%	53.3	64.0	1.63	1.30	2.27
DR2W0406-100K	10.0 ±10%	73.1	87.7	1.40	1.12	1.95
DR2W0406-120K	12.0 ±10%	86.5	104	1.25	1.00	1.84
DR2W0406-150K	15.0 ±10%	117	140	1.14	0.91	1.48
DR2W0406-180K	18.0 ±10%	138	166	1.10	0.88	1.37
DR2W0406-220K	22.0 ±10%	150	180	1.02	0.82	1.26
DR2W0406-270K	27.0 ±10%	193	232	0.85	0.68	1.15
DR2W0406-330K	33.0 ±10%	225	270	0.80	0.64	1.08
DR2W0406-390K	39.0 ±10%	241	289	0.73	0.58	0.98
DR2W0406-470K	47.0 ±10%	321	385	0.71	0.57	0.88
DR2W0406-560K	56.0 ±10%	350	420	0.63	0.50	0.84
DR2W0406-680K	68.0 ±10%	445	534	0.59	0.47	0.71
DR2W0406-820K	82.0 ±10%	501	601	0.52	0.42	0.68
DR2W0406-101K	100 ±10%	661	793	0.47	0.38	0.59
DR2W0406-121K	120 ±10%	750	900	0.43	0.34	0.54
DR2W0406-151K	150 ±10%	857	1,028	0.39	0.31	0.52
DR2W0406-181K	180 ±10%	1,070	1,284	0.37	0.30	0.45
DR2W0406-221K	220 ±10%	1,186	1,423	0.33	0.26	0.44
DR2W0406-271K	270 ±10%	1,750	2,100	0.30	0.24	0.36
DR2W0406-331K	330 ±10%	2,000	2,400	0.27	0.22	0.34
DR2W0406-391K	390 ±10%	2,160	2,592	0.23	0.18	0.32
DR2W0406-471K	470 ±10%	2,890	3,468	0.22	0.18	0.28
DR2W0406-561K	560 ±10%	3,133	3,760	0.18	0.14	0.27
DR2W0406-681K	680 ±10%	4,280	5,136	0.17	0.14	0.23
DR2W0406-821K	820 ±10%	4,600	5,520	0.16	0.13	0.22
DR2W0406-102K	1,000 ±10%	6,520	7,824	0.14	0.11	0.18

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 1kHz, 0.25V. 电感测试条件为1kHz, 0.25V.

※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)