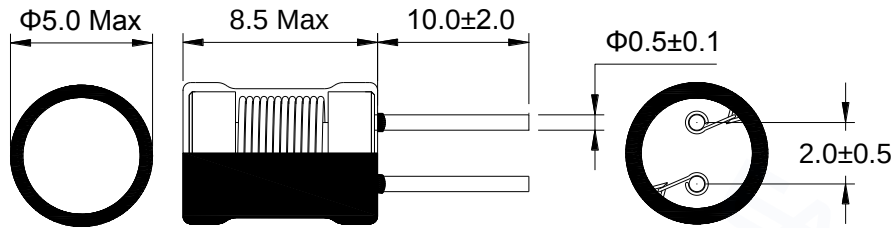
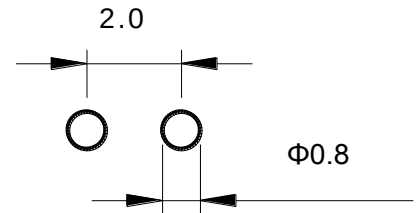


Pin Power Inductor

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 (μ H) 电感值 ※1	D.C.R. (m Ω) 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 $\pm$ 20%	14.5	17.4	4.30	3.44	4.58
DR2W0406-2R2M	2.20 $\pm$ 20%	22.0	26.4	2.90	2.32	3.48
DR2W0406-3R3M	3.30 $\pm$ 20%	27.0	32.4	2.50	2.00	3.17
DR2W0406-4R7M	4.70 $\pm$ 20%	36.8	44.2	2.00	1.60	2.83
DR2W0406-6R8M	6.80 $\pm$ 20%	53.3	64.0	1.63	1.30	2.27
DR2W0406-100K	10.0 $\pm$ 10%	73.1	87.7	1.40	1.12	1.95
DR2W0406-120K	12.0 $\pm$ 10%	86.5	104	1.25	1.00	1.84
DR2W0406-150K	15.0 $\pm$ 10%	117	140	1.14	0.91	1.48
DR2W0406-180K	18.0 $\pm$ 10%	138	166	1.10	0.88	1.37
DR2W0406-220K	22.0 $\pm$ 10%	150	180	1.02	0.82	1.26
DR2W0406-270K	27.0 $\pm$ 10%	193	232	0.85	0.68	1.15
DR2W0406-330K	33.0 $\pm$ 10%	225	270	0.80	0.64	1.08
DR2W0406-390K	39.0 $\pm$ 10%	241	289	0.73	0.58	0.98
DR2W0406-470K	47.0 $\pm$ 10%	321	385	0.71	0.57	0.88
DR2W0406-560K	56.0 $\pm$ 10%	350	420	0.63	0.50	0.84
DR2W0406-680K	68.0 $\pm$ 10%	445	534	0.59	0.47	0.71
DR2W0406-820K	82.0 $\pm$ 10%	501	601	0.52	0.42	0.68
DR2W0406-101K	100 $\pm$ 10%	661	793	0.47	0.38	0.59
DR2W0406-121K	120 $\pm$ 10%	750	900	0.43	0.34	0.54
DR2W0406-151K	150 $\pm$ 10%	857	1,028	0.39	0.31	0.52
DR2W0406-181K	180 $\pm$ 10%	1,070	1,284	0.37	0.30	0.45
DR2W0406-221K	220 $\pm$ 10%	1,186	1,423	0.33	0.26	0.44
DR2W0406-271K	270 $\pm$ 10%	1,750	2,100	0.30	0.24	0.36
DR2W0406-331K	330 $\pm$ 10%	2,000	2,400	0.27	0.22	0.34
DR2W0406-391K	390 $\pm$ 10%	2,160	2,592	0.23	0.18	0.32
DR2W0406-471K	470 $\pm$ 10%	2,890	3,468	0.22	0.18	0.28
DR2W0406-561K	560 $\pm$ 10%	3,133	3,760	0.18	0.14	0.27
DR2W0406-681K	680 $\pm$ 10%	4,280	5,136	0.17	0.14	0.23
DR2W0406-821K	820 $\pm$ 10%	4,600	5,520	0.16	0.13	0.22
DR2W0406-102K	1,000 $\pm$ 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 ΔT_{40} ($T_a=25$).
温升电流：使产品温度上升到 ΔT_{40} °C 时所加载的实际直流电流值($T_a=25$ °C)

