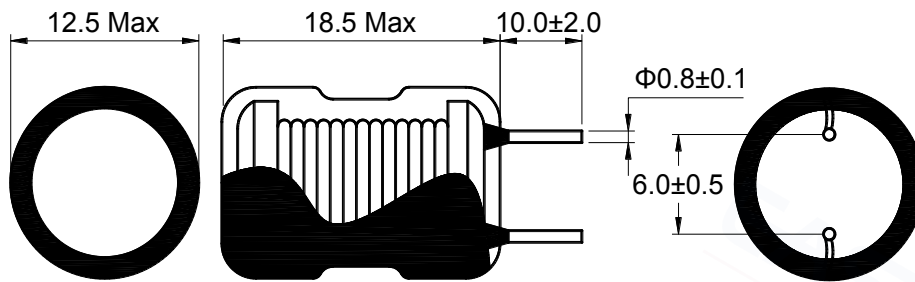


Pin Power Inductor

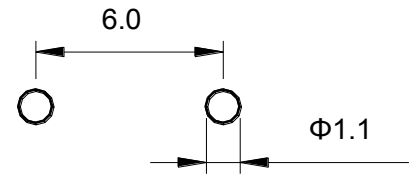
1 Appearance and dimensions (mm)

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 ±10%	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
DR2W1016100K	10.0	21.7	26.1	12.9	10.3	5.87
DR2W1016-120K	12.0	25.0	30.0	11.8	9.44	5.30
DR2W1016-150K	15.0	27.8	33.3	10.0	8.00	4.94
DR2W1016-180K	18.0	30.9	37.1	9.60	7.68	4.75
DR2W1016-220K	22.0	33.7	40.5	8.40	6.72	4.46
DR2W1016-270K	27.0	38.2	45.9	7.80	6.24	4.29
DR2W1016-330K	33.0	40.9	49.1	7.00	5.60	4.09
DR2W1016-390K	39.0	45.9	55.0	6.30	5.04	3.90
DR2W1016-470K	47.0	51.3	61.6	5.90	4.72	3.70
DR2W1016-560K	56.0	66.2	79.5	5.60	4.48	3.30
DR2W1016-680K	68.0	74.3	89.2	4.90	3.92	3.10
DR2W1016-820K	82.0	82.5	99.0	4.50	3.60	2.90
DR2W1016-101K	100	108	130	4.00	3.20	2.55
DR2W1016-121K	120	143	172	3.50	2.80	2.23
DR2W1016-151K	150	165	198	3.30	2.64	2.06
DR2W1016-181K	180	181	218	2.90	2.32	1.95
DR2W1016-221K	220	246	295	2.60	2.08	1.69
DR2W1016-271K	270	283	340	2.40	1.92	1.58
DR2W1016-331K	330	353	423	2.20	1.76	1.40
DR2W1016-391K	390	396	475	2.00	1.60	1.33
DR2W1016-471K	470	478	573	1.80	1.44	1.21
DR2W1016-561K	560	533	640	1.70	1.36	1.13
DR2W1016-681K	680	693	832	1.55	1.24	1.02
DR2W1016-821K	820	862	1,035	1.45	1.16	0.91
DR2W1016-102K	1,000	983	1,179	1.35	1.08	0.82

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)