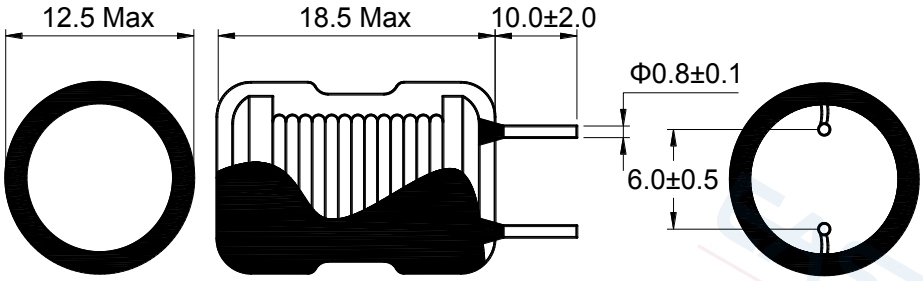
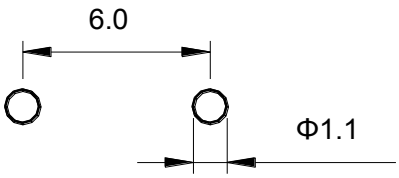
Pin Power Inductor

RoHS COMPLIANT

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 Typical	D.C.R. (mΩ) 直流电阻 Max	Saturation current (A) 饱和电流 ※2 Typical	Saturation current (A) 饱和电流 ※2 Max	Temperature rise current (A) 温升电流 ※3 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℃ ambient temperature. 所有测试数据基于环境温度25℃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 ℃时所加载的实际直流电流值(Ta=25 ℃)