

SPECIFICATION FOR APPROVAL

COMMODITY	SMD POWER COIL	SPEC NO.	SP-0181129032
ITEM	JRPI 0618V-100M Green	版本：A	表單編號：QR-012-02

(1) DIMENSION: (UNIT: mm)		DIM.	TOL.
		A	7.0 ± 0.3
		A1	6.7 ± 0.3
		B	6.6 ± 0.3
		C	1.6 ± 0.2
		D	1.8 ± 0.3
		E	3.0 ± 0.3

(2) ELECTRICAL CHARACTERISTIC		TEST INSTRUMENTS.
INDUCTANCE	10 ± 20% μ H	☐ AGILENT 4294A Precision Impedance Analyzer.
TEST FREQUENCY	100 KHz	☐ AGILENT 4285A Precision L.C.R.
TEST VOLT	1 V	☐ HP-4286A RF L.C.R. Meter.
RDC	143 (typ.) 160 (max) m Ω	☒ ZENTECH 3302 Automatic Components Analyzer.
Isat	3.5 (typ.) A	☐ ZENTECH 101 L.C.R. Meter.
Irms	2.3 (typ.) A	☐ WAYNE KERR 6420 Precision Impedance Analyzer.
		☒ ZENTECH 1320 BIAS CURRENT.
		☒ ZENTECH 502AC Resistance Merter.
		☐ ADEX AX-1155B DC Low Ohm Meter.

REMARK :

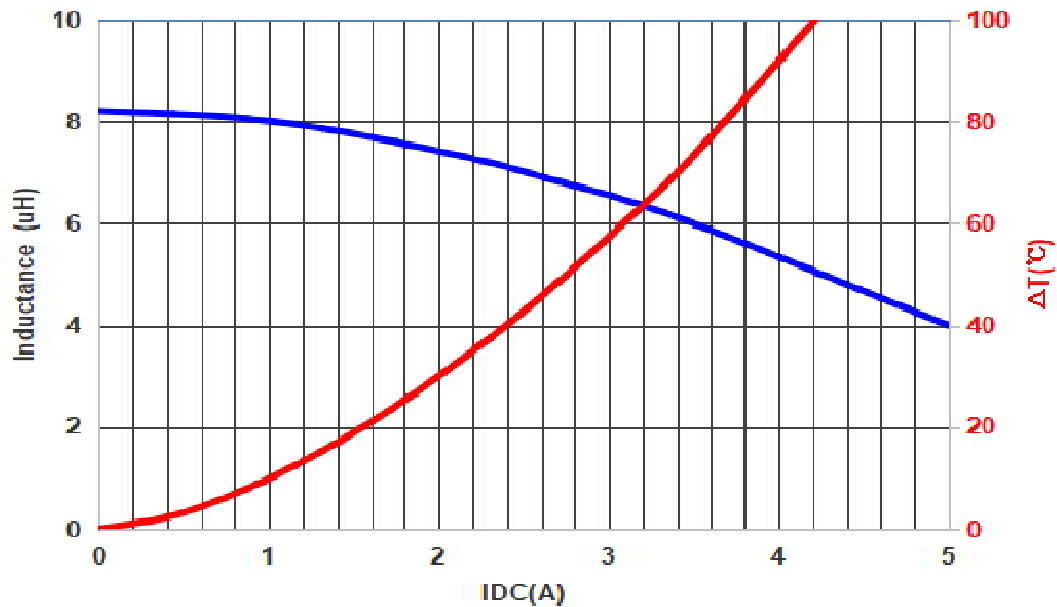
1. All test data referenced to 25°C ambient
2. Saturation Current (Isat) will cause L0 to drop approximately 30%
3. Heat Rated Current (Irms) will cause the coil temperature rise approximately ΔT of 40°C
4. Compatible with AEC-Q200

PURCHASER CONFIRMED	APPROVED	CHECKED	DRAWN

TEST REPORT

SPEC NO : SP-0181129032

Typical Performance Curves



Test Instrument :

Chroma 3302 Automatic Components Analyzer
ZENTECH 1320 BIAS CURRENT

Testing Condition :

Temperature : 25 to 28 $^{\circ}C$
Humidity : 60 to 70 % RH

Check by :

姜秀琴

Test by :

陳秀月