

SPECIFICATION FOR APPROVAL

COMMODITY	SMD POWER COIL	SPEC NO.	SP-0230315016
ITEM	JRPI 0502PV-R47M Green	版本：A	表單編號：QR-012-02

(1) DIMENSION: (UNIT: mm)		DIM.	TOL.
	A	5.70	±0.30
	B	5.20	±0.20
	C	1.80	±0.20
	D	1.00	±0.30
	E	2.50	±0.30

(2) ELECTRICAL CHARACTERISTIC		TEST INSTRUMENTS.
INDUCTANCE	0.47± 20% μ H	☐ AGILENT 4294A Precision Impedance Analyzer
TEST FREQUENCY	100 KHz	☐ Agilent 4287A RF LCR Meter
TEST VOLT	1 V	☐ AGILENT 4285A Precision L.C.R.
		☐ HP-4286A RF L.C.R. Meter.
RDC	6.1 (typ.) 7.2 (max) m Ω	☒ CHROMA 3302 Automatic Components Analyzer.
Isat	9.0 (typ.) 8.0 (max) A	☐ WAYNE KERR 6420 Precision Impedance Analyzer.
		☒ ZENTECH 1320 BIAS CURRENT.
Irms	13.0 (typ.) 11.0 (max) A	☒ BK PRECISION 2840 DC Resistance Meter
		☐ ZENTECH 502AC Resistance Merter
		☐ ADEX AX-1155B DC Low Ohm Meter
		☐ WAYNE KERR HI-POT TESTER 7600

REMARK :

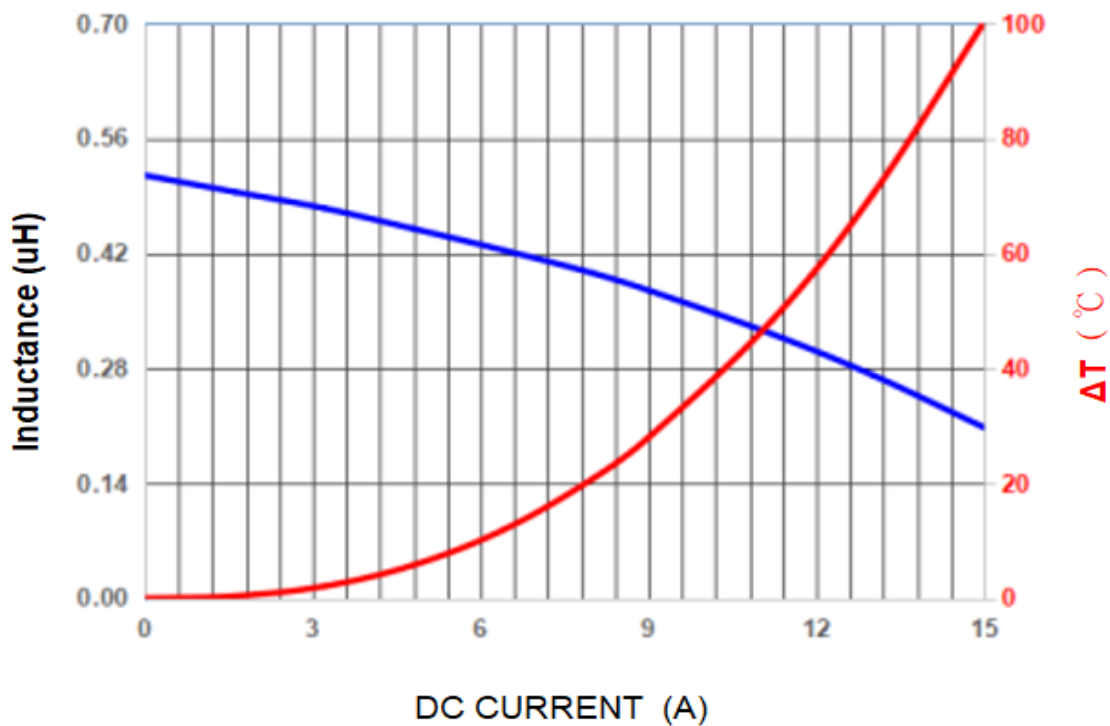
1. All test data referenced to 25°C ambient
2. Saturation Current (Isat) will cause L0 to drop approximately 30%
3. Heat Rated Current (Irms) will cause the coil temperature rise approximately ΔT of 40°C
4. Compatible with AEC-Q200

PURCHASER CONFIRMED :	APPROVED	CHECKED	DRAWN

TEST REPORT

SPEC NO : SP-0230315016

Typical Performance Curves



Test Instrument :

Chroma 3302 Automatic Components Analyzer
ZENTECH 1320 BIAS CURRENT

Testing Condition :

Temperature : 25 to 28°C
Humidity : 60 to 70 % RH

Check by :

姜秀琴

Test by :

陳秀月



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