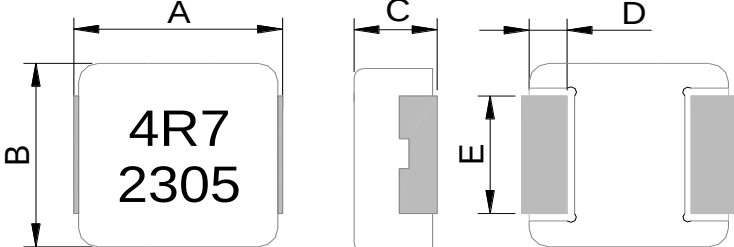


SPECIFICATION FOR APPROVAL

COMMODITY	SMD POWER COIL	SPEC NO.	SP-0230315005
ITEM	JRPI 0502PV-4R7M 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	4.7 ± 20%	μ H	☐ AGILENT 4294A Precision Impedance Analyzer ☐ Agilent 4287A RF LCR Meter ☐ AGILENT 4285A Precision L.C.R. ☐ HP-4286A RF L.C.R. Meter. ☒ CHROMA 3302 Automatic Components Analyzer. ☐ WAYNE KERR 6420 Precision Impedance Analyzer. ☒ ZENTECH 1320 BIAS CURRENT. ☒ BK PRECISION 2840 DC Resistance Meter ☐ ZENTECH 502AC Resistance Merter ☐ ADEX AX-1155B DC Low Ohm Meter ☐ WAYNE KERR HI-POT TESTER 7600
TEST FREQUENCY	100	KHz	
TEST VOLT	1	V	
RDC	84.0 (typ.) 97.0 (max)	mΩ	
Isat	4.7 (typ.) 4.4 (max)	A	
Irms	4.0 (typ.) 3.0 (max)	A	

REMARK :

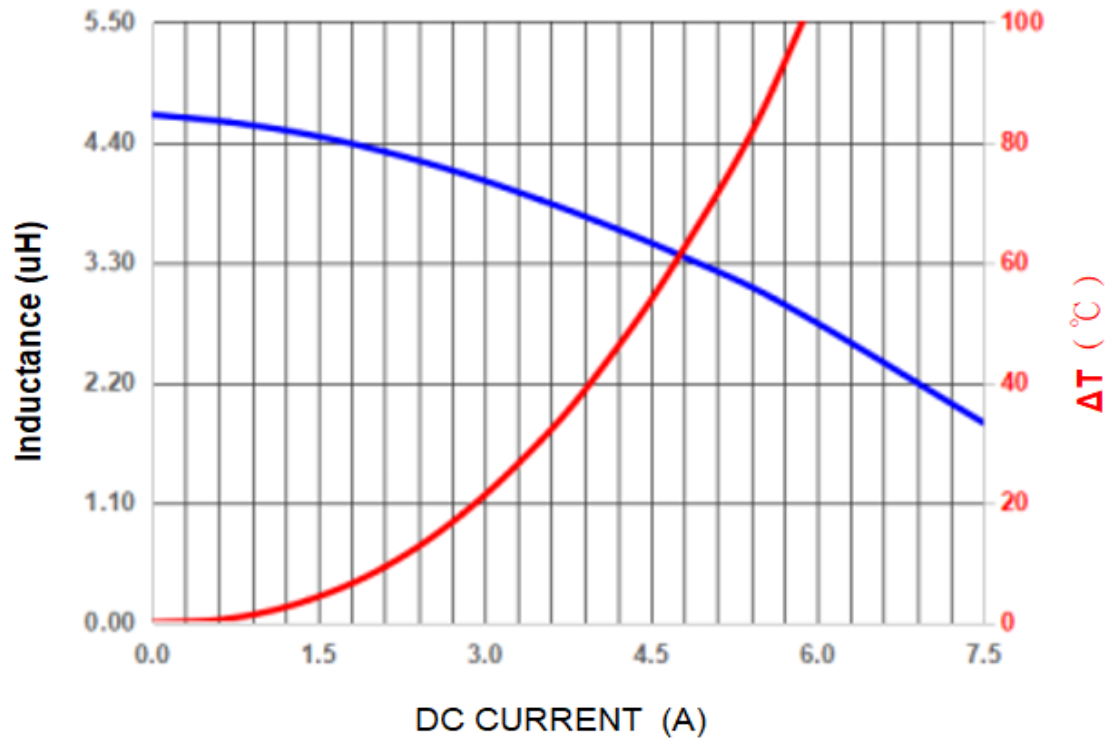
1. All test data referenced to 25°C ambient
2. Saturation Current (Isat) will cause L0 to drop approximately 30%
3. Heat Rated Current (Irms) will cause the coil temperature rise approximately ΔT of 40°C
4. Compatible with AEC-Q200

PURCHASER CONFIRMED :	APPROVED	CHECKED	DRAWN
			

TEST REPORT

SPEC NO : SP-0230315005

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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