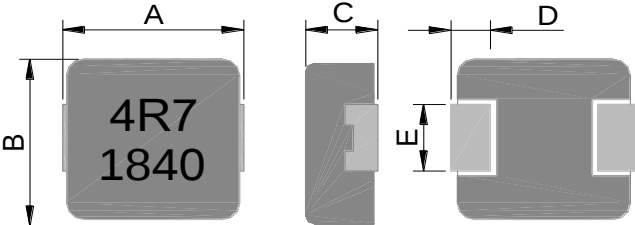


SPECIFICATION FOR APPROVAL

COMMODITY	SMD POWER COIL	SPEC NO.	SP-0181112015
ITEM	JRPI 1004V-4R7M Green	版本：A	表單編號：QR-012-02

(1) DIMENSION: (UNIT: mm)		DIM.	TOL.
		A	11.0 ± 0.5
		B	10.0 ± 0.3
		C	3.8 ± 0.2
		D	2.3 ± 0.3
		E	3.0 ± 0.3

(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	
SRF	12 (min)	MHz	
RDC	15.0 (typ.) 15.5 (max)	mΩ	
Isat	17.0 (typ.)	A	
Irms	10.0 (typ.)	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

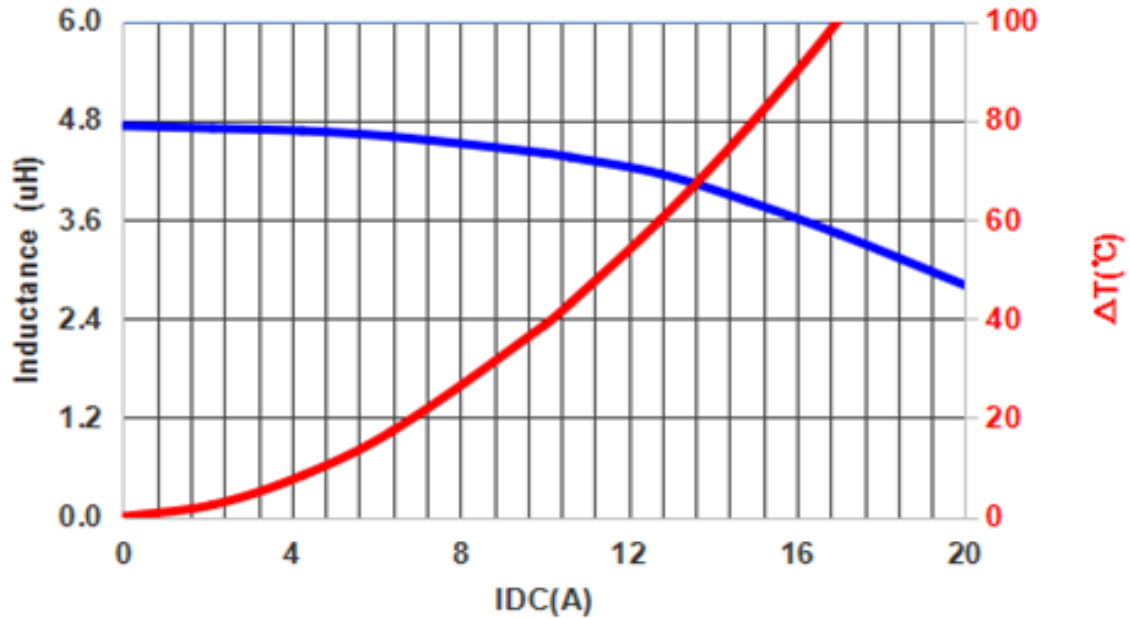
PURCHASER CONFIRMED :

APPROVED	CHECKED	DRAWN
		

TEST REPORT

SPEC NO : SP-0181112015

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



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