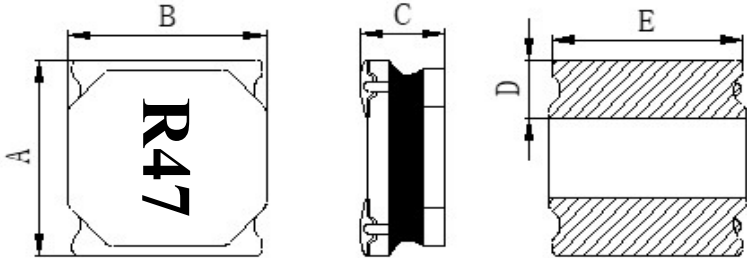


SPECIFICATION FOR APPROVAL

COMMODITY	SMD POWER COIL	SPEC NO.	SP-0230327001
ITEM	JNR 5020NV-R47N Green	版本：A	表單編號：QR-012-02

(1) DIMENSION: (UNIT: mm)		DIM.	TOL.
	A	5.0	± 0.2
	B	5.0	± 0.2
	C	1.8	± 0.2
	D	1.3	± 0.2
	E	4.7	± 0.2

(2) ELECTRICAL CHARACTERISTIC			TEST INSTRUMENTS.
INDUCTANCE	0.47 ± 30%	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	13 ± 20%	mΩ	
Isat	7.5	A	
Irms	7.0	A	

REMARK :

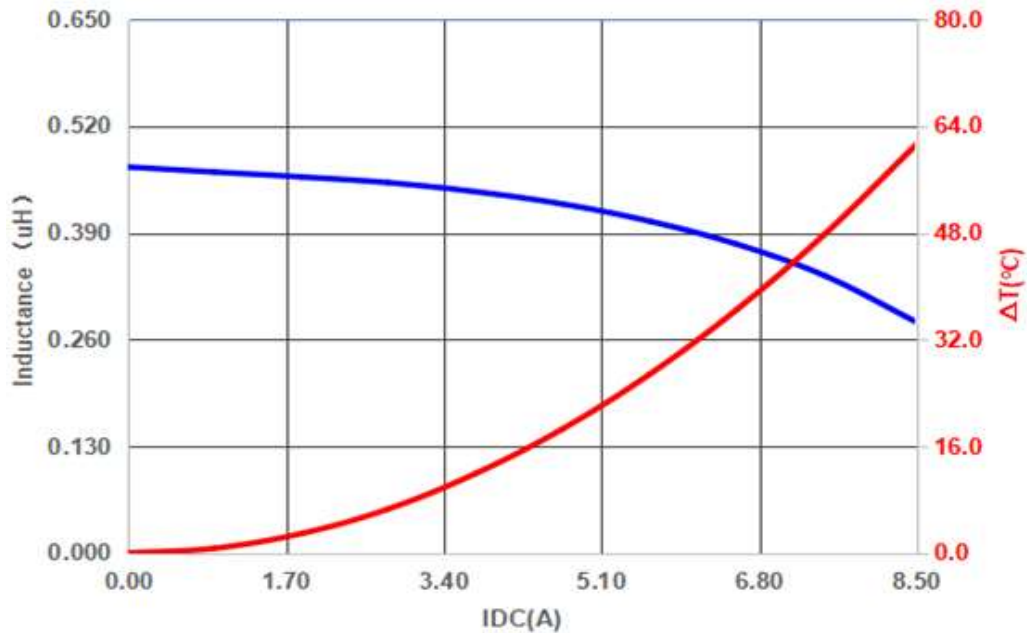
1. Saturation Current (Isat) will cause L0 to drop approximately 30%.
2. Heat Rated Current (Irms) will cause the coil temperature rise approximately ΔT of 40℃
3. Rated DC current: The lower value of Irms and Isat
4. Compatible with AEC-Q200

PURCHASER CONFIRMED :	APPROVED	CHECKED	DRAWN
			

TEST REPORT

SPEC NO : SP-0230327001

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