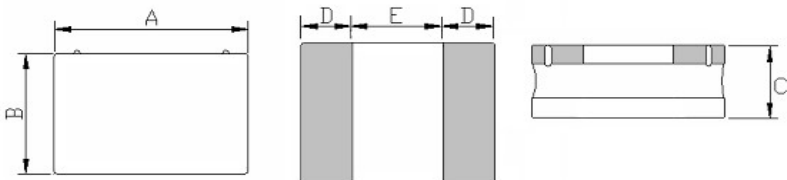


SPECIFICATION FOR APPROVAL

COMMODITY	SMD POWER COIL	SPEC NO.	SP-0131204001
ITEM	JNR 252010U-R47Y Green	版本：A	表單編號：QR-012-02

(1) DIMENSION: (UNIT: mm)		DIM.	TOL.
	A	2.50	-0.1/+0.2
	B	2.00	-0.1/+0.2
	C	1.00	Max.
	D	0.85	Ref.
	E	0.80	Ref.

(2) ELECTRICAL CHARACTERISTIC		TEST INSTRUMENTS.
INDUCTANCE	0.47 ± 30% μH	☒ 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	1 MHz	
TEST VOLT	0.1 V	
RDC	0.030 ± 20% Ω	
Isat	2.85 (typ.) 2.57 (max) A	
Irms	2.80 (typ.) 2.50 (max) A	

REMARK :

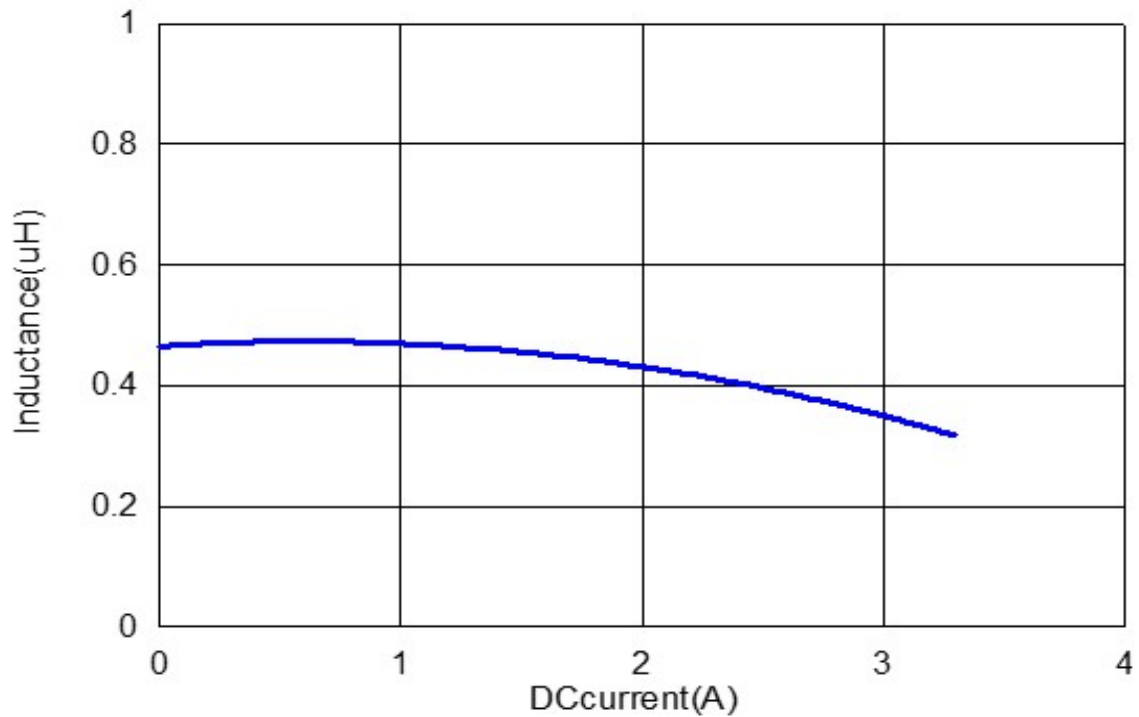
1. Isat : Saturation Current (Isat) will cause L0 to drop approximately 30%
2. Irms : Heat Rated Current (Irms) will cause the coil temperature rise approximately Δt40°C
3. Rated DC current: The lower value of Irms and Isat.

PURCHASER CONFIRMED :	APPROVED	CHECKED	DRAWN
			

TEST REPORT

SPEC NO : SP-0131204001

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 :



Test by :

