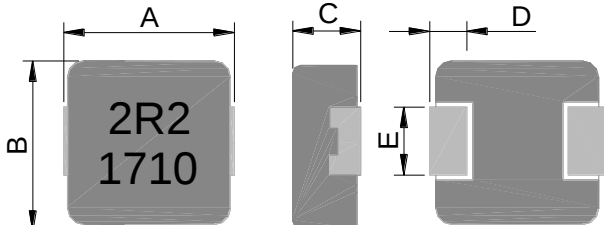


SPECIFICATION FOR APPROVAL

COMMODITY	SMD POWER COIL	SPEC NO.	SP-0181022030
ITEM	JRPI 0512V-2R2M Green	版本：A	表單編號：QR-012-02

(1) DIMENSION: (UNIT: mm)		DIM.	TOL.
	A	5.7	± 0.3
	B	5.2	± 0.2
	C	1.0	± 0.2
	D	1.1	± 0.3
	E	2.5	± 0.3

(2) ELECTRICAL CHARACTERISTIC			TEST INSTRUMENTS.
INDUCTANCE	2.2 ± 20%	μ H	☐ AGILENT 4294A Precision Impedance Analyzer. ☐ AGILENT 4285A Precision L.C.R. ☐ HP-4286A RF L.C.R. Meter. ☒ ZENTECH 3302 Automatic Components Analyzer. ☐ ZENTECH 101 L.C.R. Meter. ☐ WAYNE KERR 6420 Precision Impedance Analyzer. ☒ ZENTECH 1320 BIAS CURRENT. ☒ ZENTECH 502AC Resistance Merter. ☐ ADEX AX-1155B DC Low Ohm
TEST FREQUENCY	100	KHz	
TEST VOLT	1	V	
RDC	65 (typ)	mΩ	
	75 (max)		
Isat	4.0 (typ)	A	
Irms	3.5 (typ)	A	

REMARK :

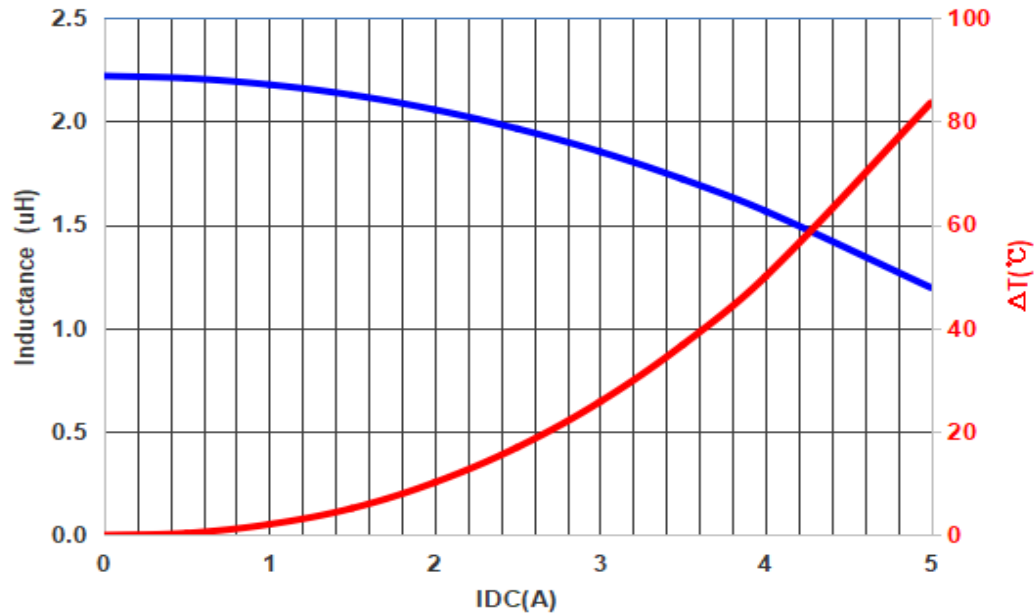
1. All test data referenced to 25°C ambient
2. Saturation Current (Isat) will cause L0 to drop approximately 30%
3. Heat Rated Current (Irms) will cause the coil temperature rise approximately ΔT of 40°C
4. Compatible with AEC-Q200

PURCHASER CONFIRMED	APPROVED	CHECKED	DRAWN
			

TEST REPORT

SPEC NO : SP-0181022030

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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