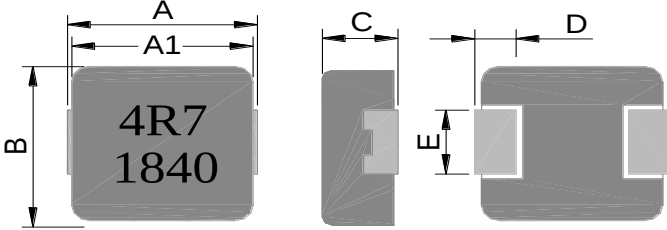


SPECIFICATION FOR APPROVAL

COMMODITY	SMD POWER COIL	SPEC NO.	SP-0181107027
ITEM	JRPI 1707V-4R7M Green	版本：A	表單編號：QR-012-02

(1) DIMENSION: (UNIT: mm)		DIM.	TOL.
		A	17.6 ± 0.4
		A1	16.9 ± 0.3
		B	16.9 ± 0.3
		C	6.7 ± 0.3
		D	2.1 ± 0.3
		E	11.9 ± 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	
RDC	4.8 (typ) 5.5 (max)	mΩ	
Isat 1	41.0 (typ)	A	
Isat 2	50.0 (typ)	A	
Irms	25.0 (typ)	A	

REMARK :

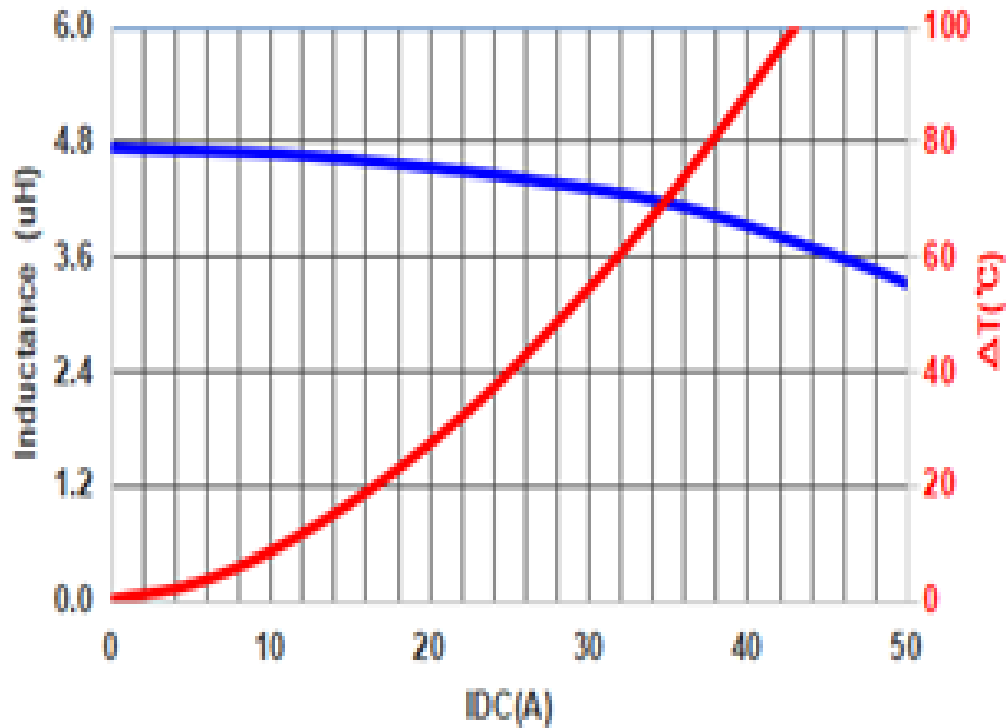
1. All test data referenced to 25℃ ambient
2. Saturation Current (Isat1) will cause L0 to drop approximately 20%
3. Saturation Current (Isat2) will cause L0 to drop approximately 30%
4. Heat Rated Current (Irms) will cause the coil temperature rise approximately ΔT of 40℃
5. Compatible with AEC-Q200

PURCHASER CONFIRMED :	APPROVED	CHECKED	DRAWN
			

TEST REPORT

SPEC NO : SP-0181107027

Typical Performance Curves



Test Instrument :

ZENTECH 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



TEL : 886-2-2689-4971 FAX : 886-2-2689-4260
E-mail : jantek@jantek-elec.com.tw
Web-Site : www.jantek-elec.com.tw