

SPECIFICATION FOR APPROVAL

COMMODITY	SMD POWER COIL	SPEC NO.	SP-0181108010
ITEM	JRPI 1206V-R47M Green	版本：A	表單編號：QR-012-02

(1) DIMENSION: (UNIT: mm)		DIM.	TOL.
	A	13.5	± 0.5
	A1	12.5	± 0.3
	B	12.5	± 0.3
	C	5.7	± 0.3
	D	2.3	± 0.3
	E	4.7	± 0.3

(2) ELECTRICAL CHARACTERISTIC		TEST INSTRUMENTS.
INDUCTANCE	0.47 ± 20% μ H	☐ AGILENT 4294A Precision Impedance Analyzer.
TEST FREQUENCY	100 KHz	☐ AGILENT 4285A Precision L.C.R. ☐ HP-4286A RF L.C.R. Meter.
TEST VOLT	1 V	☒ ZENTECH 3302 Automatic Components Analyzer.
RDC	0.92 (typ) m Ω 1.30 (max)	☐ ZENTECH 101 L.C.R. Meter. ☐ WAYNE KERR 6420 Precision Impedance Analyzer.
Isat 1	60 (typ) A	☒ ZENTECH 1320 BIAS CURRENT.
Isat 2	64 (typ) A	☒ ZENTECH 502AC Resistance Merter.
Irms	38 (typ) A	☐ ADEX AX-1155B DC Low Ohm

REMARK :

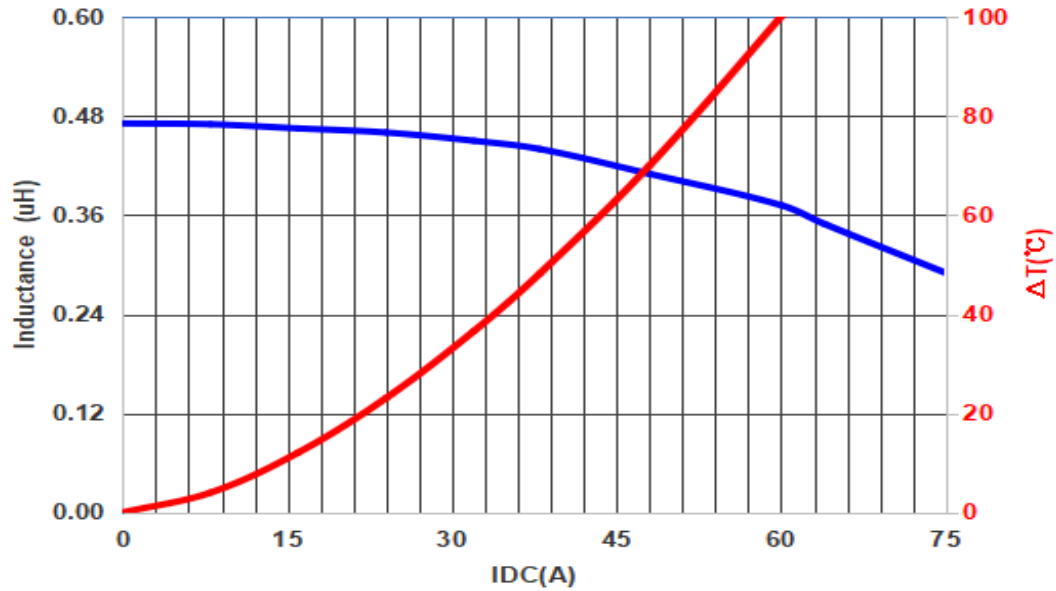
1. All test data referenced to 25°C ambient
2. Saturation Current (Isat1) will cause L0 to drop approximately 20%
3. Saturation Current (Isat2) will cause L0 to drop approximately 30%
4. Heat Rated Current (Irms) will cause the coil temperature rise approximately ΔT of 40°C
5. Compatible with AEC-Q200

PURCHASER CONFIRMED	APPROVED	CHECKED	DRAWN

TEST REPORT

SPEC NO : SP-0181108010

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



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