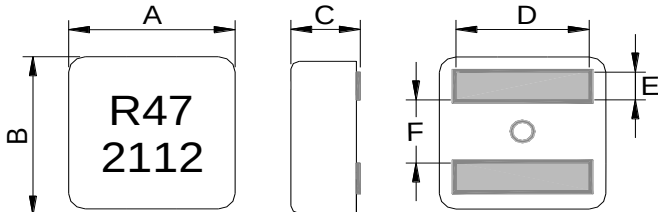


SPECIFICATION FOR APPROVAL

COMMODITY	SMD POWER COIL	SPEC NO.	SP-0220513010
ITEM	JRPI 0402F-R47M Green	版本：A	表單編號：QR-012-02

(1) DIMENSION: (UNIT: mm)		DIM.	TOL.
	A	4.40	±0.20
	B	4.40	±0.20
	C	1.90	±0.20
	D	3.40	±0.30
	E	0.88	±0.20
	F	1.60	±0.25

(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. Meter.
TEST VOLT	0.1 V	☐ HP-4286A RF L.C.R. Meter.
RDC	7.80 (typ.) 8.58 (max) m Ω	☒ ZENTECH 3302 Automatic Components Analyzer.
Isat	14.5 (typ.) 13.0 (max) A	☐ ZENTECH 101 L.C.R. Meter.
Irms 20°C rise	9.0 (typ.) A	☐ WAYNE KERR 6420 Precision Impedance Analyzer.
Irms 40°C rise	12.5 (typ.) A	☒ ZENTECH 1320 BIAS CURRENT.
		☒ ZENTECH 502AC Resistance Merter.
		☐ ADEX AX-1155B DC Low Ohm Meter.

REMARK :

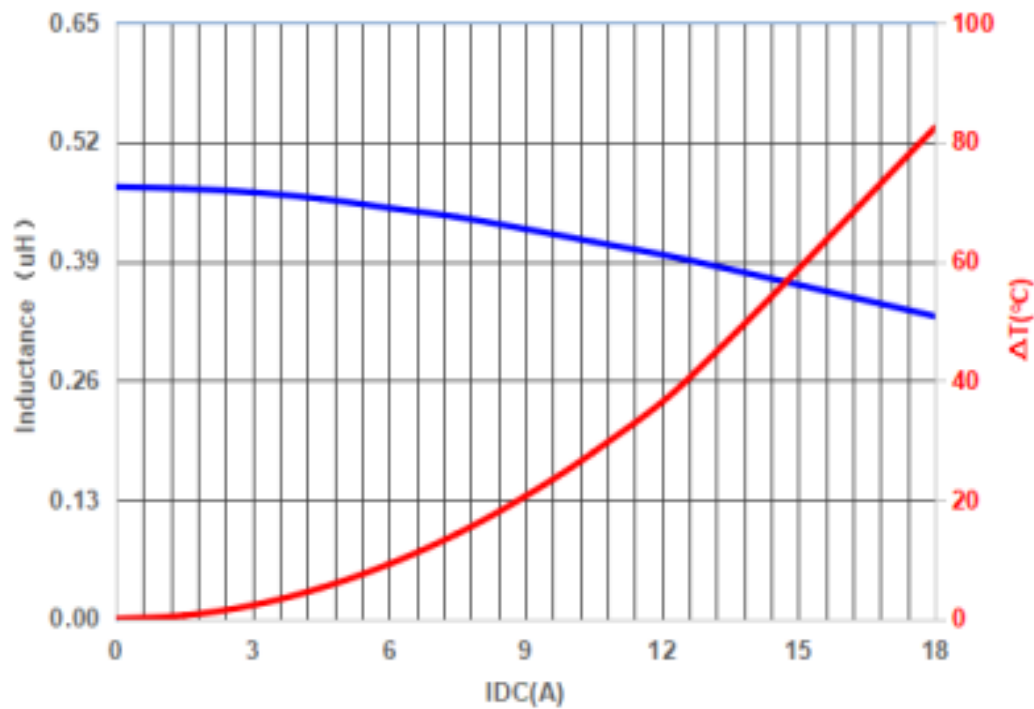
1. All test data referenced to 25°C ambient
2. Saturation Current (Isat) will cause L0 to drop approximately 30%.
3. Heat Rated Current (Irms) will cause the coil temperature rise approximately ΔT of 40°C
4. Rated operating voltage(across inductor) 40V ref.

PURCHASER CONFIRMED :	APPROVED	CHECKED	DRAWN
			

TEST REPORT

SPEC NO : SP-0220513010

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 :



Test by :



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