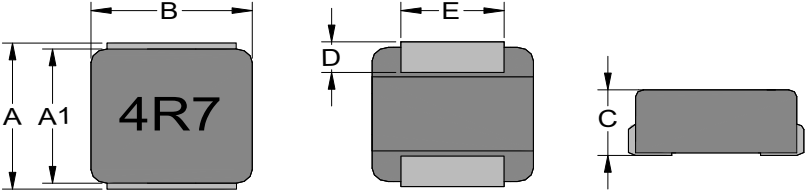


SPECIFICATION FOR APPROVAL

COMMODITY	Molding SMD Power Coils	SPEC NO.	SP-0230713012
ITEM	JRPI 0402PH-4R7M Green	版本：A	表單編號：QR-012-02

(1) DIMENSION: (UNIT: mm)		DIM.	TOL.
	A	4.20	± 0.30
	A1	4.00	± 0.30
	B	4.10	± 0.30
	C	1.90	± 0.20
	D	0.80	± 0.30
	E	3.00	± 0.20

(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.
TEST FREQUENCY	100 KHz	☒ CHROMA 3302 Automatic Components Analyzer.
TEST VOLT	1 V	☐ WAYNE KERR 6420 Precision Impedance Analyzer.
RDC	54.0 (typ.) 64.8 (max) $m\Omega$	☒ ZENTECH 1320 BIAS CURRENT.
Isat	4.2 (typ.) 3.7 (max) A	☒ BK PRECISION 2840 DC Resistance Meter
Irms	4.5 (typ.) 4.0 (max) A	☐ ZENTECH 502AC Resistance Merter ☐ ADEX AX-1155B DC Low Ohm Meter
		☐ WAYNE KERR HI-POT TESTER 7600

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

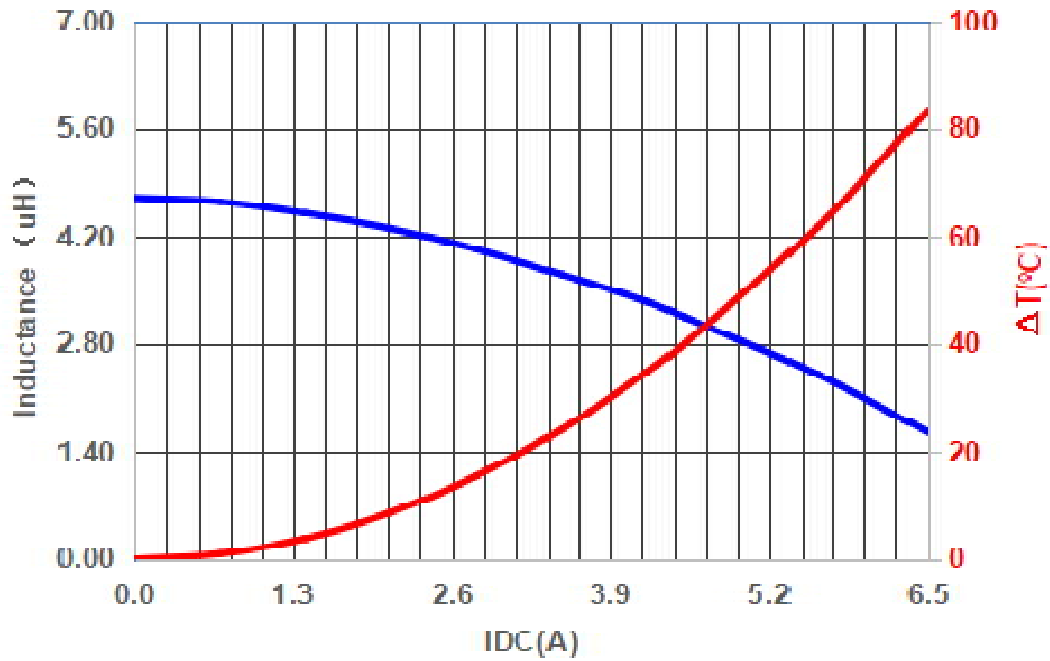
PURCHASER CONFIRMED :

APPROVED	CHECKED	DRAWN
		

TEST REPORT

SPEC NO : SP-0230713012

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 :



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