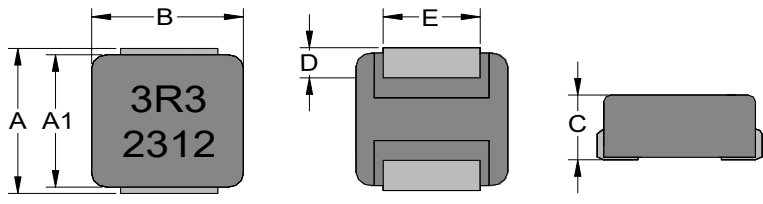


# SPECIFICATION FOR APPROVAL

COMMODITY	Molding SMD Power Coils	SPEC NO.	SP-0230713023
ITEM	JRPI 0503PH-3R3M <span style="border: 1px solid black; padding: 2px;">Green</span>	版本：A	表單編號：QR-012-02

(1) DIMENSION: (UNIT: mm)		DIM.	TOL.	
	A	5.60	± 0.30	
	A1	5.10	± 0.30	
	B	5.20	± 0.20	
	C	2.80	± 0.20	
	D	1.30	± 0.30	
	E	3.00	± 0.30	

(2) ELECTRICAL CHARACTERISTIC			TEST INSTRUMENTS.
INDUCTANCE	3.3 ± 20%	μH	<input type="checkbox"/> AGILENT 4294A Precision Impedance Analyzer <input type="checkbox"/> Agilent 4287A RF LCR Meter <input type="checkbox"/> AGILENT 4285A Precision L.C.R. <input type="checkbox"/> HP-4286A RF L.C.R. Meter. <input checked="" type="checkbox"/> CHROMA 3302 Automatic Components Analyzer. <input type="checkbox"/> WAYNE KERR 6420 Precision Impedance Analyzer. <input checked="" type="checkbox"/> ZENTECH 1320 BIAS CURRENT. <input checked="" type="checkbox"/> BK PRECISION 2840 DC Resistance Meter <input type="checkbox"/> ZENTECH 502AC Resistance Merter <input type="checkbox"/> ADEX AX-1155B DC Low Ohm Meter <input type="checkbox"/> WAYNE KERR HI-POT TESTER 7600
TEST FREQUENCY	100	KHz	
TEST VOLT	1	V	
RDC	16.0 (typ.) 19.2 (max)	mΩ	
Isat	7.5 (typ.) 6.5 (max)	A	
Irms	8.5 (typ.) 8.0 (max)	A	

**REMARK :**

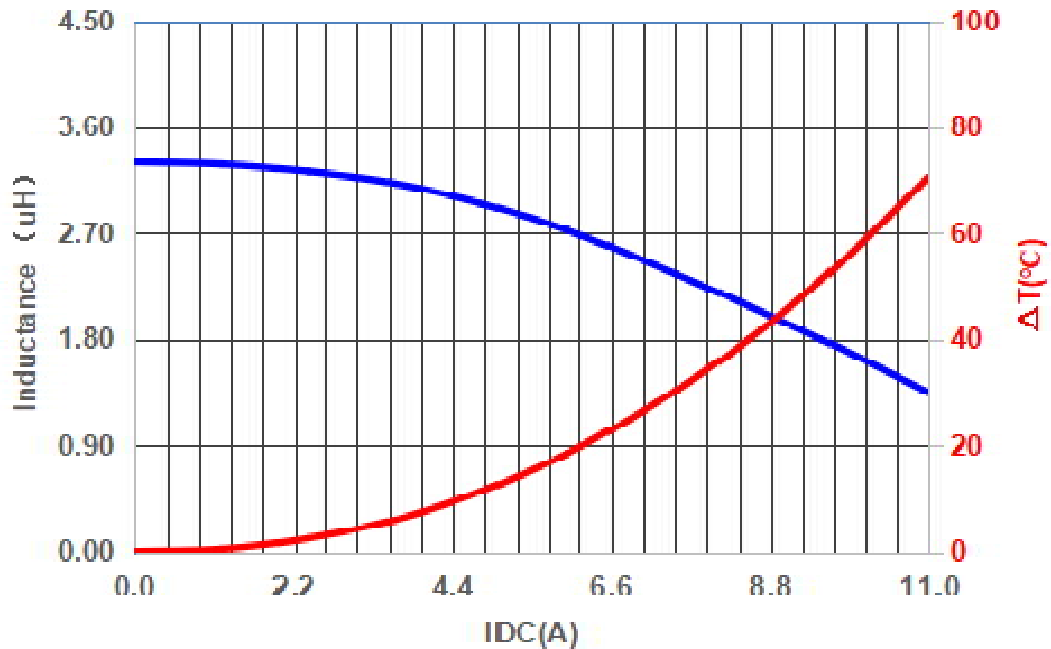
1. All test data referenced to 25°C ambient.
2. Saturation Current (Isat) will cause L0 to drop approximately 30%
3. Heat Rated Current (Irms) will cause the coil temperature rise approximately ΔT of 40°C

<b>PURCHASER CONFIRMED :</b>	APPROVED	CHECKED	DRAWN
			

# TEST REPORT

SPEC NO : SP-0230713023

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 :

