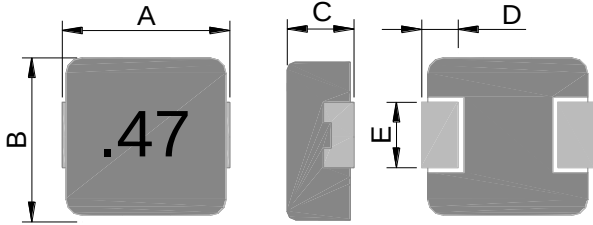


SPECIFICATION FOR APPROVAL

COMMODITY	SMD POWER COIL	SPEC NO.	SP-0190308027
ITEM	JRPI 0312M-R47M Green	版本：A	表單編號：QR-012-02

(1) DIMENSION: (UNIT: mm)		DIM.	TOL.
		A	3.5
		B	3.2
		C	1.0
		D	0.7
		E	1.2

(2) ELECTRICAL CHARACTERISTIC		TEST INSTRUMENTS.
INDUCTANCE	$0.47 \pm 20\%$ μ H	☐ AGILENT 4294A Precision Impedance Analyzer. ☐ AGILENT 4285A Precision L.C.R. Meter. ☐ HP-4286A RF L.C.R. Meter. ☒ ZENTECH 3302 Automatic Components Analyzer. ☐ ZENTECH 101 L.C.R. Meter. ☐ WAYNE KERR 6420 Precision Impedance Analyzer. ☒ ZENTECH 1320 BIAS CURRENT. ☒ ZENTECH 502AC Resistance Merter. ☐ ADEX AX-1155B DC Low Ohm Meter.
TEST FREQUENCY	100 KHz	
TEST VOLT	1 V	
RDC	25 (typ.) 30 (max) mΩ	
Isat	7.2 (typ.) A	
Irms	5.0 (typ.) 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

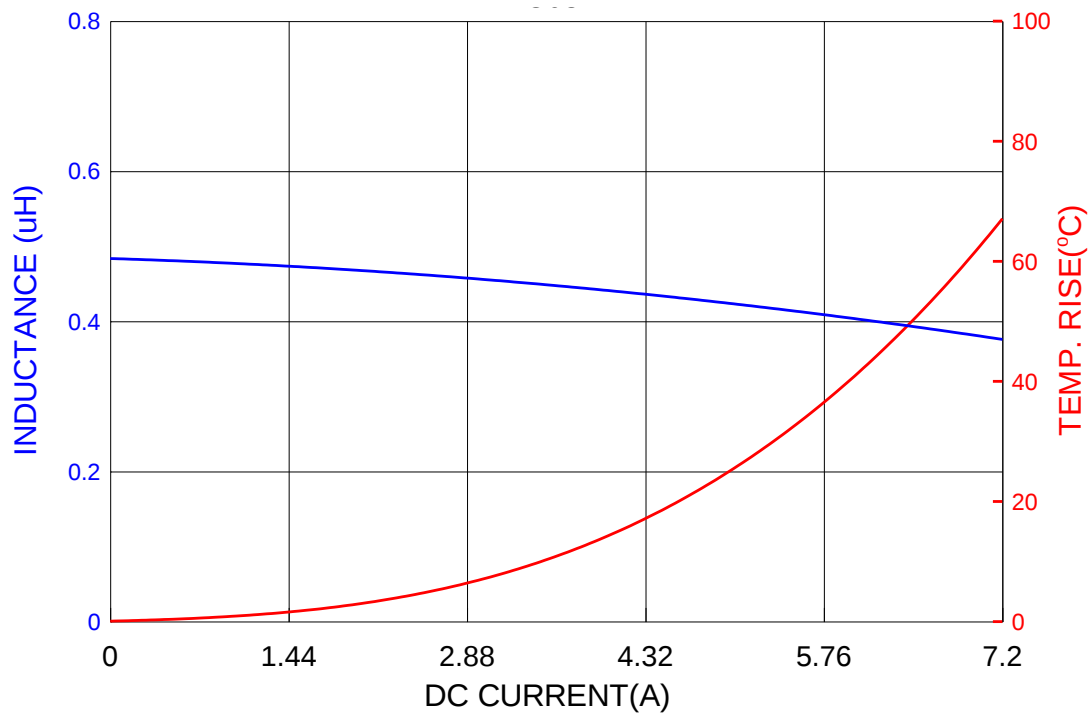
PURCHASER CONFIRMED	APPROVED	CHECKED	DRAWN
			

TEST REPORT

SPEC NO : SP-0190308027

Typical Performance Curves

JRPI 0312M-R47



Test Instrument :

ZENTECH 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

E-mail : jantek@jantek-elec.com.tw

Web-Site : www.jantek-elec.com.tw