

SPECIFICATION FOR APPROVAL

COMMODITY	SMD POWER COIL	SPEC NO.	SP-0190425014
ITEM	JRPI 1707M-R47M Green	版本：A	表單編號：QR-012-02

(1) DIMENSION: (UNIT: mm)		DIM.	TOL.
		A	17.6 ± 0.4
		A1	16.9 ± 0.3
		B	16.9 ± 0.3
		C	6.7 ± 0.3
		D	2.1 ± 0.3
		E	11.9 ± 0.3
		T	0 ~ + 0.25

(2) ELECTRICAL CHARACTERISTIC		TEST INSTRUMENTS.
INDUCTANCE	0.47 ± 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	0.95 (typ.) 1.03 (max) m Ω	
Isat 1	80 (typ.) A	
Isat 2	123 (typ.) A	
Irms	62 (typ.) A	

REMARK :

- All test data referenced to 25°C ambient
- Saturation Current (Isat1) will cause L0 to drop approximately 20%
Saturation Current (Isat2) will cause L0 to drop approximately 30%
- Heat Rated Current (Irms) will cause the coil temperature rise approximately ΔT of 40°C

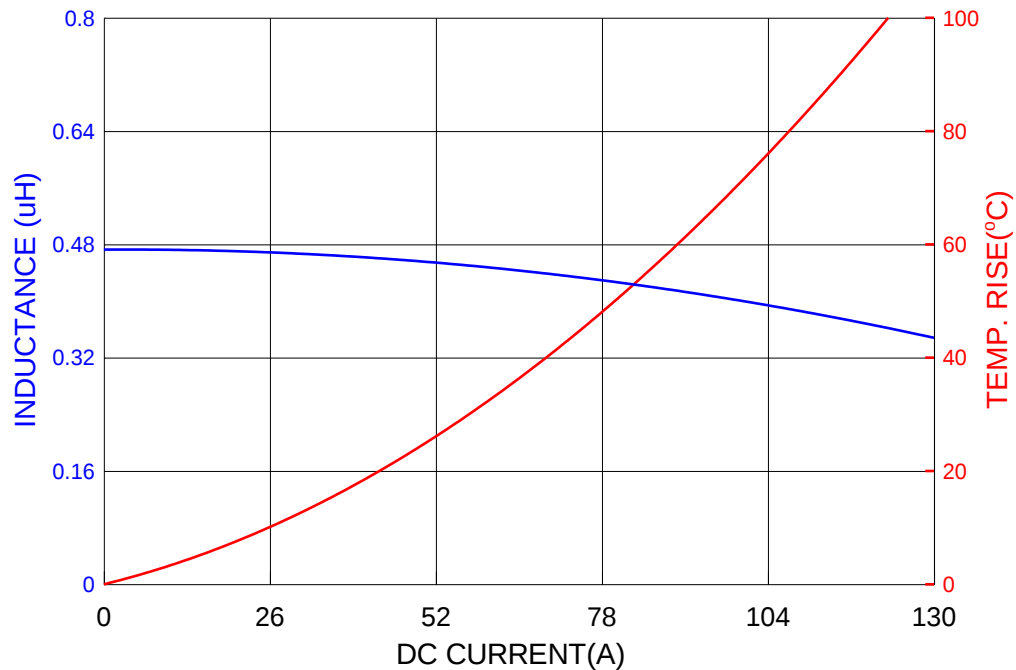
PURCHASER CONFIRMED	APPROVED	CHECKED	DRAWN

TEST REPORT

SPEC NO : SP-0190425014

Typical Performance Curves

JRPI 1707M-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