

SPECIFICATION FOR APPROVAL

COMMODITY	Mini Molding SMD Power Coils	SPEC NO.	SP-0221017013
ITEM	JWI 252012FW-3R3M Green	版本：A	表單編號：QR-012-02

(1) DIMENSION: (UNIT: mm)		DIM.	TOL.
	A	2.50	± 0.20
	B	2.00	± 0.20
	C	1.20	MAX.
	D	0.55	± 0.25

(2) ELECTRICAL CHARACTERISTIC		TEST INSTRUMENTS.
INDUCTANCE	3.3 ± 20% μ H	☒ AGILENT 4294A Precision Impedance Analyzer ☐ Agilent 4287A RF LCR Meter
TEST FREQUENCY	1 MHz	☐ AGILENT 4285A Precision L.C.R. ☐ HP-4286A RF L.C.R. Meter.
TEST VOLT	1 V	☒ CHROMA 3302 Automatic Components Analyzer.
RDC	112 (typ.) 134 (max) m Ω	☐ WAYNE KERR 6420 Precision Impedance Analyzer.
Isat	2.3 (typ.) 2.1 (max) A	☒ ZENTECH 1320 BIAS CURRENT. ☒ BK PRECISION 2840 DC Resistance Meter
Irms	2.2 (typ.) 1.9 (max) A	☐ ZENTECH 502AC Resistance Merter ☐ ADEX AX-1155B DC Low Ohm Meter
		☐ WAYNE KERR HI-POT TESTER 7600

REMARK :

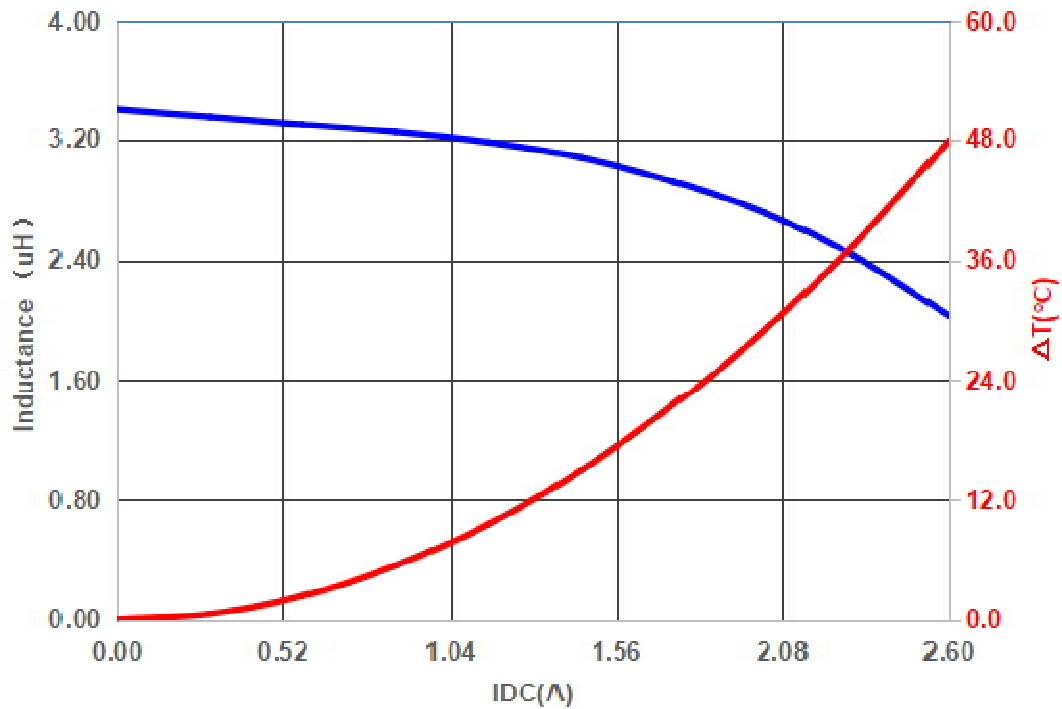
1. All test data referenced to 25°C ambient
2. Isat : Saturation Current (Isat) will cause L0 to drop approximately 30%
3. Irms : Heat Rated Current (Irms) will cause the coil temperature rise approximately ΔT of 40°C
4. Operating temperature :-40~+125°C (Including self - temperature rise)

PURCHASER CONFIRMED :	APPROVED	CHECKED	DRAWN

TEST REPORT

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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

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

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