

SPECIFICATION FOR APPROVAL

COMMODITY	Mini Molding SMD Power Coils	SPEC NO.	SP-0220824001
ITEM	JWI 252012FW-R47M 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	0.47 ± 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. ☒ CHROMA 3302 Automatic Components Analyzer. ☐ WAYNE KERR 6420 Precision Impedance Analyzer. ☒ ZENTECH 1320 BIAS CURRENT. ☒ BK PRECISION 2840 DC Resistance Meter ☐ ZENTECH 502AC Resistance Merter ☐ ADEX AX-1155B DC Low Ohm Meter ☐ WAYNE KERR HI-POT TESTER 7600
TEST FREQUENCY	1	MHz	
TEST VOLT	1	V	
RDC	21 (typ.) 25 (max)	mΩ	
Isat	5.5 (typ.) 4.6 (max)	A	
Irms	5.0 (typ.) 4.4 (max)	A	

REMARK :

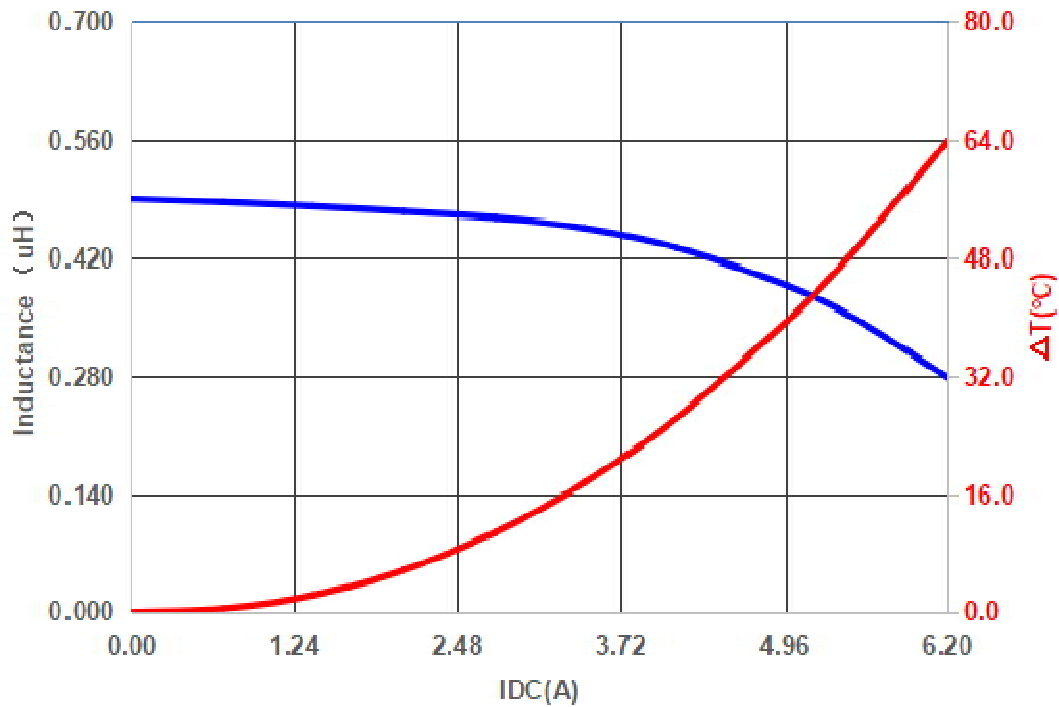
1. All test data referenced to 25°C ambient
2. Isat : Saturation Current (Isat) will cause L0 to drop approximately 30%
3. Irms : Heat Rated Current (Irms) will cause the coil temperature rise approximately ΔT of 40°C
4. Operating temperature :-40~+125°C (Including self - temperature rise)

PURCHASER CONFIRMED :	APPROVED	CHECKED	DRAWN

TEST REPORT

SPEC NO : SP-0220824001

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 :



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