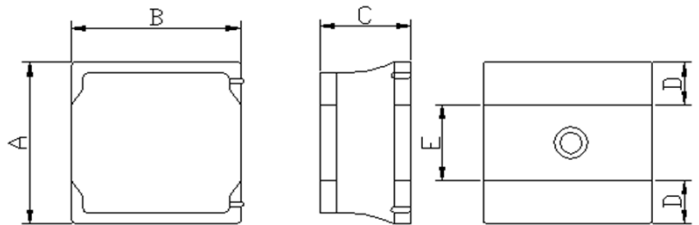


SPECIFICATION FOR APPROVAL

COMMODITY	SMD POWER COIL	SPEC NO.	SP-0180815002
ITEM	JNR 3012H-4R7M	Green	版本：A 表單編號：QR-012-02

(1) DIMENSION: (UNIT: mm)		DIM.	TOL.
	A	3.0	±0.2
	B	3.0	±0.2
	C	1.2	Max.
	D	1.0	Ref.
	E	1.0	Ref.

(2) ELECTRICAL CHARACTERISTIC		TEST INSTRUMENTS.
INDUCTANCE	4.7 ± 20% μ H	☒ AGILENT 4294A Precision Impedance Analyzer. ☐ AGILENT 4285A Precision L.C.R. ☐ HP-4286A RF L.C.R. Meter.
TEST FREQUENCY	1 MHz	☐ ZENTECH 3302 Automatic Components Analyzer. ☐ ZENTECH 101 L.C.R. Meter.
TEST VOLT	0.1 V	☐ WAYNE KERR 6420 Precision Impedance Analyzer. ☒ ZENTECH 1320 BIAS CURRENT.
RDC	0.13 ± 20% Ω	☒ ZENTECH 502AC Resistance Merter. ☐ ADEX AX-1155B DC Low Ohm Meter.
Isat	1.30 (typ.) 1.05 (max) A	
Irms	1.50 (typ.) 1.30 (max) A	

REMARK :

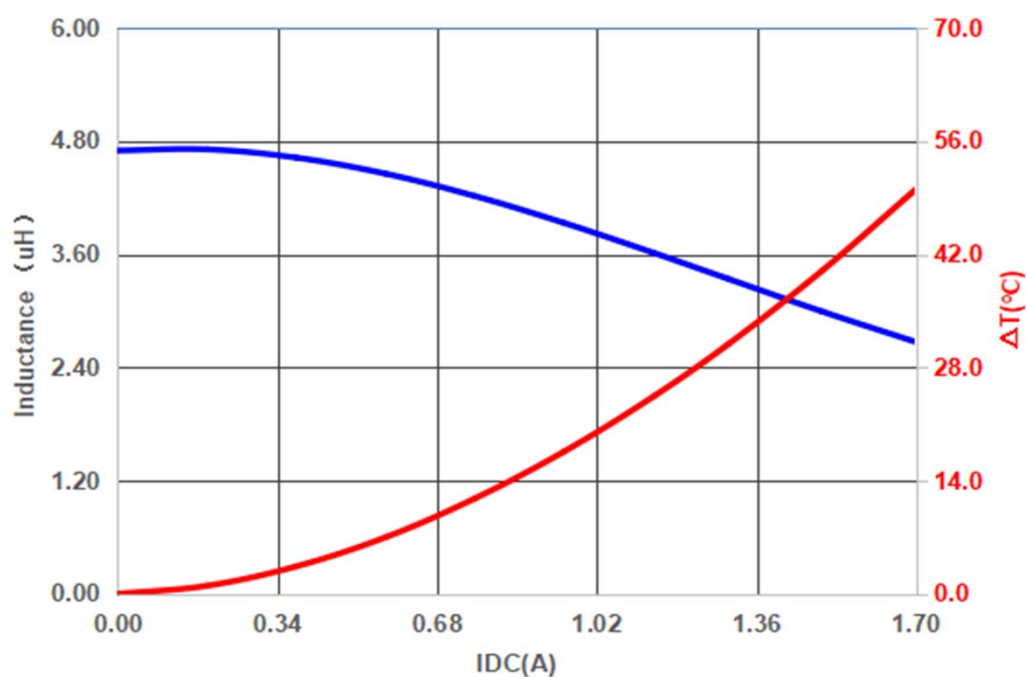
1. All test data referenced to 25°C ambient
2. Isat : Saturation Current (Isat) will cause L0 to drop approximately 30%.
3. Irms : Heat Rated Current (Irms) will cause the coil temperature rise approximately ΔT of 40°C

PURCHASER CONFIRMED	APPROVED	CHECKED	DRAWN
			

TEST REPORT

SPEC NO : SP-0180815002

Typical Performance Curves



Test Instrument :

ZENTECH 3302 Automatic Components Analyzer
ZENTECH 1320 BIAS CURRENT

Testing Condition :

Temperature : 25 to 28 $^{\circ}C$
Humidity : 60 to 70 % RH

Check by :



Test by :



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