




# ECN HISTORY LIST

版別	ECN NO	變更內容	變更日期	確認章
0		新發行	2006/7/21	
1		新增 Irms	2012/11/7	
2		A/B尺寸統一定義為12.5 Max	2017/6/24	

# SPECIFICATION FOR APPROVAL

COMMODITY	SMD POWER COIL	SPEC NO.	SP-060721023
ITEM	JPRH 1207-101M <span style="border: 1px solid black; padding: 2px;">Green</span>	版本：D	表單編號：QRRD-01-02

(1) DIMENSION: (UNIT: mm)		DIM.	TOL.
	A	12.5	Max.
	B	12.5	Max.
	C	8.0	Max.
	D	2.9	REF.
	E	7.0	REF.
	F	5.4	REF.
	G		
	H		
	I		
	J		

(2) ELECTRICAL CHARACTERISTIC	TEST INSTRUMENTS.
INDUCTANCE	100 ± 20%    μH
TEST FREQUENCY	1    KHz
TEST VOLT	0.25    V
RDC	151 (max)    mΩ
Isat	2.1 (max)    A
Irms	2.3 (max)    A
	<input checked="" type="checkbox"/> AGILENT 4294A Precision Impedance Analyzer. <input type="checkbox"/> AGILENT 4285A Precision L.C.R. Meter. <input type="checkbox"/> HP-4286A RF L.C.R. Meter. <input checked="" type="checkbox"/> ZENTECH 3302 Automatic Components Analyzer. <input type="checkbox"/> ZENTECH 101 L.C.R. Meter. <input type="checkbox"/> WAYNE KERR 6420 Precision Impedance Analyzer. <input checked="" type="checkbox"/> ZENTECH 1320 BIAS CURRENT. <input checked="" type="checkbox"/> ZENTECH 502AC Resistance Meter. <input type="checkbox"/> ADEX AX-1155B DC Low Ohm Meter.

**REMARK :**

1. Inductance drop = 25% typ at Isat.
2. ΔT = 40°C rise typ at Irms.

PURCHASER CONFIRMED	APPROVED	CHECKED	DRAWN

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### (3) Material List

NO	ITEM	MATERIAL	NOTE
1	CORE	DR 9.9*7.1 & RI 12.1*7.0*10.65 Or other's equivalent	
2	WIRE	SFBW Or other's equivalent	155°C CLASS
3	BASE	C1100	
4	SOLDER	100H Or other's equivalent	
5	INK	SMD-48A Or other's equivalent	Black
6	EPOXY	6020H-6-9(NH) / S-9001A-6B Or other's equivalent	
7	TAPE	MYLAR TAPE	Yellow

REMARK :

PURCHASER CONFIRMED :

APPROVED

CHECKED

DRAWN



**JANTEK**

TEL : 886-2-2689-4971 FAX : 886-2-2689-4260

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

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