

# SPECIFICATION FOR APPROVAL

COMMODITY	SMD POWER COIL	SPEC NO.	SP-N251224023
ITEM	JNRH 1207-271M-A <span style="border: 1px solid black; padding: 2px;">Green</span>	版本：A	表單編號：QR-012-02

(1) DIMENSION: (UNIT: mm)		DIM.	TOL.	
<p style="text-align: center;">LAND PATTERNS(mm)</p>	A	12.50	MAX.	
	B	12.50	MAX.	
	C	7.80	±0.25	
	D	4.20	REF.	
	E	4.00	REF.	
	F	9.00	REF.	

(2) ELECTRICAL CHARACTERISTIC			TEST INSTRUMENTS.
INDUCTANCE	270 ± 20%	μH	<input type="checkbox"/> AGILENT 4294A Precision Impedance Analyzer <input type="checkbox"/> Agilent 4287A RF LCR Meter <input type="checkbox"/> AGILENT 4285A Precision L.C.R. <input type="checkbox"/> HP-4286A RF L.C.R. Meter. <input checked="" type="checkbox"/> CHROMA 3302 Automatic Components Analyzer. <input type="checkbox"/> WAYNE KERR 6420 Precision Impedance Analyzer. <input checked="" type="checkbox"/> ZENTECH 1320 BIAS CURRENT. <input checked="" type="checkbox"/> BK PRECISION 2840 DC Resistance Meter <input type="checkbox"/> ZENTECH 502AC Resistance Merter <input type="checkbox"/> ADEX AX-1155B DC Low Ohm Meter <input type="checkbox"/> WAYNE KERR HI-POT TESTER 7600
TEST FREQUENCY	1	KHz	
TEST VOLT	0.25	V	
RDC	360.0 (max)	mΩ	
Isat	1.60 (max)	A	
Irms	2.10 (max)	A	

**REMARK :**

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

<b>PURCHASER CONFIRMED :</b>	<b>APPROVED</b>	<b>CHECKED</b>	<b>DRAWN</b>

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## (3) Material List

NO	ITEM	MATERIAL	NOTE
1	CORE	DR12*9.0*7.7 & RI 12*5.5*9.8 Or other's equivalent	
2	WIRE	SFBW Or other's equivalent	155°C CLASS
3	SOLDER	100H Or other's equivalent	
4	EPOXY	6020H-6-9 (NH) Or other's equivalent	Black
5	INK	SMD-48C F4-725 (Black) Or other's equivalent	Black

REMARK :

PURCHASER CONFIRMED :

APPROVED

CHECKED

DRAWN

楊  
偉鏗

鍾  
松原

陳  
秀月



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