


ECN HISTORY LIST

版本	ECN NO.	變更內容	變更日期	確認章
0		新版本	2021/2/4	

SPECIFICATION FOR APPROVAL

COMMODITY	SMD POWER COIL	SPEC NO.	SP-0210204002
ITEM	JPRH 1207-681M-1R0-A Green	版本：A	表單編號：QR-012-02

(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.

(2) ELECTRICAL CHARACTERISTIC	TEST INSTRUMENTS.
INDUCTANCE	$680 \pm 20\%$ μ H
TEST FREQUENCY	1 KHz
TEST VOLT	0.25 V
RDC	1.23 (max) Ω
Isat	1.00 (max) A
Irms	1.00 (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 Merter. <input type="checkbox"/> ADEX AX-1155B DC Low Ohm Meter.

REMARK :

1. Inductance drop = 20% typ at Isat.
2. $\Delta T = 40^{\circ}\text{C}$ 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-48C 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

