

RoHS

承認書

APPROVAL SHEET

客戶名稱
CUSTOMER _____

客戶料號
CUSTOMER P/N _____

品名/規格
DESCRIPTION _____

**SMD Power Inductors
UT8040N-1R5P**

登壹料號
MINGSTAR P/N _____

305-70515

登壹送樣編號
MINGSTAR DWG# _____

M15-10063

簽認印/STAMP

DATE OF APPROVAL _____



登壹企業股份有限公司

MINGSTAR ELECTRONIC CORP.

SALES	CHECKED & APPROVAL	DESIGNED BY	ISSUED BY
沈政隆	Simon	辛海峰	張小萍

DATE OF SAMPLING 2015/10/26

SPECIFICATION FOR APPROVAL

CUSTOMER		CUST P/N.	
ITEM	SMD Power Inductors	Description	UT8040N-1R5P
PART NO.	305-70515	DATE	2015.10.26

<p>(1) DIMENSION(UNIT:mm)</p>		A	8.0±0.3	mm
		B	8.0±0.3	mm
		C	4.2(Max)	mm
		D	6.3(REF)	mm
		E	2.45(REF)	mm
		F	3.1(REF)	mm
		a	3.8(REF)	mm
		b	2.2(REF)	mm
		c	7.5(REF)	mm

(2) ELECTRICAL REQUIREMENTS			
TEST CONDITION	TEST VALUE	FREQUENCY	(3) TEST INSTRUMENTS
L	1.5μH±30%	100KHz 1V	LCR-METER:
			V HP-4291A WK3260B
DCR	10.0mΩ±30%	KHz V	DC RESISTANCE METER:
			V WK3260B
Isat	8.15A Based on inductance change(ΔL/L0:30%TYP)	100KHz 1V	CURRENT SOURCE:
			V TH2816B+1320
Irms	5.65A MAX(温升为40℃MAX)	100KHz 0.25V	GW PUNCTURE INSULATION TESTER
			V TH2816B+1320

(4)TURN: Ts(REF)

(5) MATERIAL LIST		
ITEM	MATERIAL	DESCRIPTION
1	CORE	FN381 DRS-8.0-7.5-3.85-3.5C (NO.6)
2	WIRE	G1-HØ0.45mm*4.5Ts
3	SOIDER	PF606
4	INK	BLACK
5	EPOXY	DA-1001BK

REMARK:	APPROVED	CHECKED	DRAWN BY
	Simon	辛海峰	張小萍

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TEST DATA FOR PREPRODUCTION SAMPLES

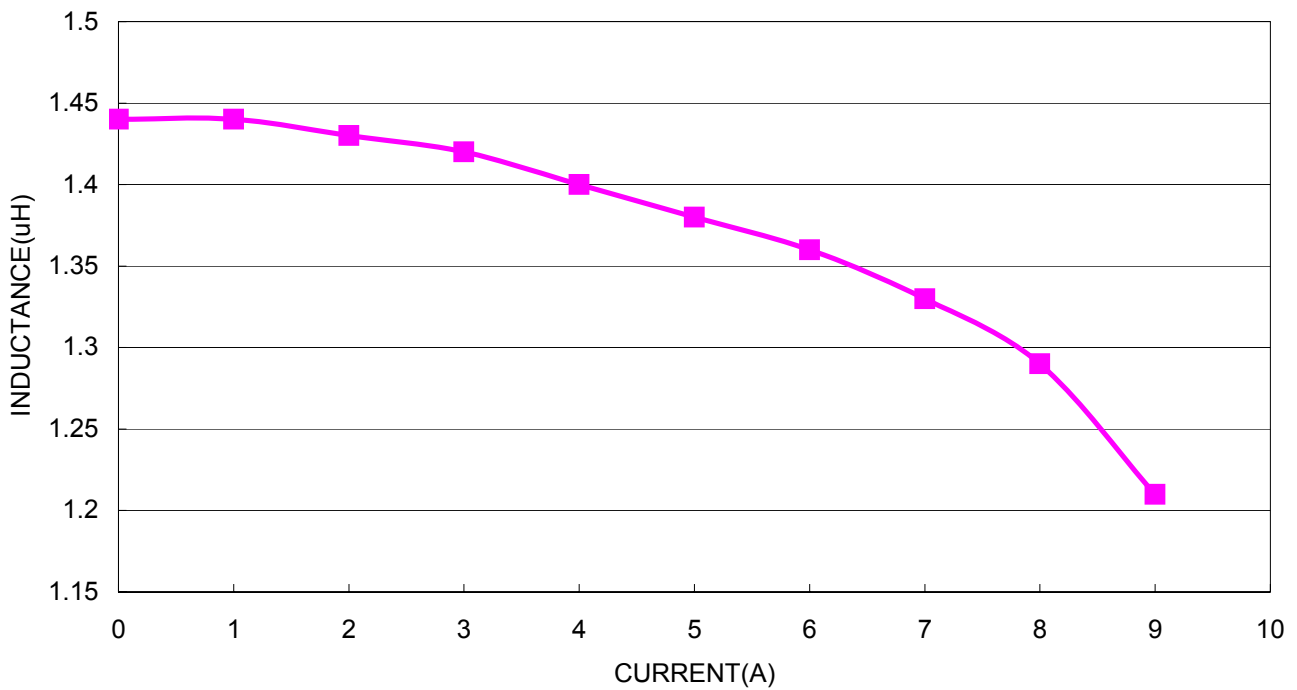
CUSTOMER:	0	Part No.	305-70515			Test Q'ty:	10	PCS
CUST P/N.	0	Description:	UT8040N-1R5P			Date:	2015.11.4	
MEASURE ITEM	L (μ H)	DCR (m Ω)	A (mm)	B (mm)	C (mm)			
SPECIFIC	1.5	10.0	8.0	8.0	4.2			
SUGGEST	\pm 20%	\pm 30%	\pm 0.3	\pm 0.3	Max			
1	1.51	11.69	8.03	7.98	4.02			
2	1.48	11.82	8.02	7.98	3.96			
3	1.48	11.67	8.06	8.02	3.94			
4	1.48	11.32	8.02	7.99	3.90			
5	1.49	11.71	8.02	7.97	3.94			
6	1.49	11.69	8.08	8.00	3.94			
7	1.48	11.67	8.04	8.00	3.97			
8	1.42	11.42	8.06	7.98	3.98			
9	1.45	11.52	8.07	7.98	4.02			
10	1.50	11.56	8.06	7.99	4.02			
X								
R								
TEST CONDITION	INSTRUMENTS:		WK3260B			AT	100KHz	1V
	ENVIORNMENTS:		TEMP:25 degree HUMDITY :65%					
	STORAGE TEMPERATURE RANGE				-40 $^{\circ}$ C ~+85 $^{\circ}$ C			
	OPERATING TEMPERATURE RANGE				-25 $^{\circ}$ C ~+85 $^{\circ}$ C			
REMARK:				APPROVED	CHECKED	DRAWN BY		
				Simon	辛海峰	張小萍		

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GRAPH

CUSTOMER:	0	Part No.	305-70515	Test Q'ty:	10	PCS
CUST P/N.	0	Description:	UT8040N-1R5P	Date:	2015.11.4	

CURRENT VS INDUCTANCE



TEST CONDITION	INSTRUMENTS:	WK3260B	AT:	100KHz	1V
	ENVIRONMENT:	TEMP:25 degree HUMDITY :65%			

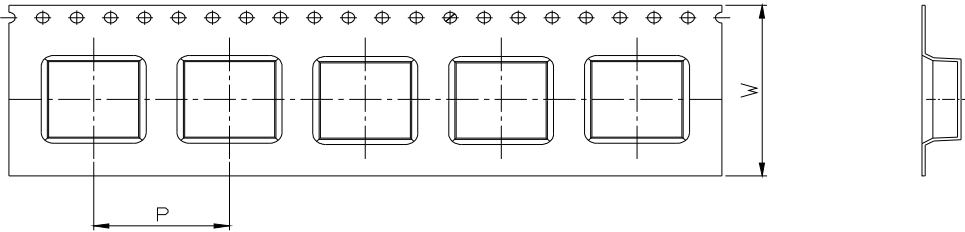
REMARK:	APPROVED	CHECKED	DRAWN BY
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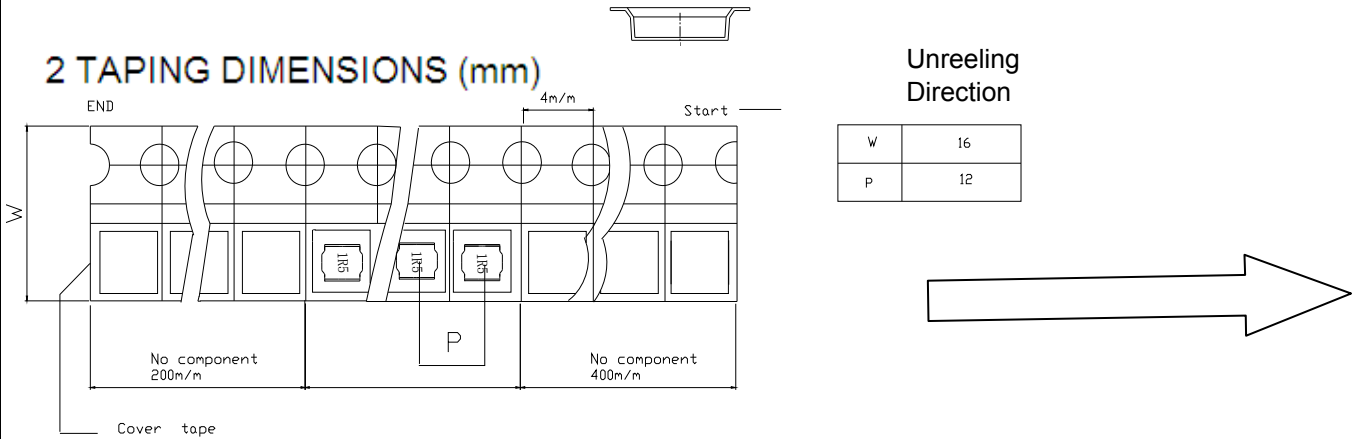
CUSTOMER	0	CUST P/N.	0
ITEM	SMD Power Inductors	Description	UT8040N-1R5P
Part No.	305-70515	DATE	2015.10.26

PACKAGING

1 CARRIER TAPE DIMENSIONS (mm)

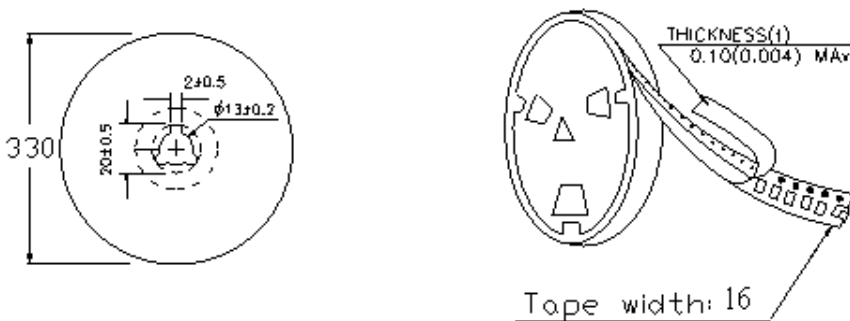


2 TAPING DIMENSIONS (mm)



备注：产品编好带后，卷盘的最外层为400mmMIN, 最里层为200mmMIN.

3 REEL DIMENSIONS (mm)



4 QUANTITY

1000pcs/Reel 3000pcs/盒 6000pcs/箱

The products are packaged so that no damage will be sustained.

APPROVED: Simon

CHECKED: 辛海峰

DRAWN BY: 張小萍

SPECIFICATION FOR APPROVAL

Warranty (保證書)

All standard parts guaranteed to be free defects in material and workmanship, and are warranted to meet the MINGSTAR published. No other warranty expressed or implied is made by MINGSTAR. All special parts manufactured to a customer's specification are guaranteed to the extent agreed upon in writing between MINGSTAR and the users.

MINGSTAR will repair/replace units the following conditions:

1. The buyer must notify MINGSTAR in writing 60 days of receipt of material, that they request authorization to return the parts. A description of the complaint and samples must be included.
2. MINGSTAR must determine to its satisfaction that the parts are defective, and the defect not due to misuse, accident, poor engineering practices or improper application.

MINGSTAR liability shall in no event exceed the cost of repair or replacement of its parts. This warranty does not extend to any materials that has been altered or repaired by others without our written authorization.

Under no circumstance shall MINGSTAR have any liability whatsoever for the loss of anticipated profits, interruption of operations, or for special, incidental or consequential damages.

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在以下條件下登壹公司同意修繕／更換：

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- 4.本公司保留變更規格之權利。

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登壹企業股份有限公司

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