

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

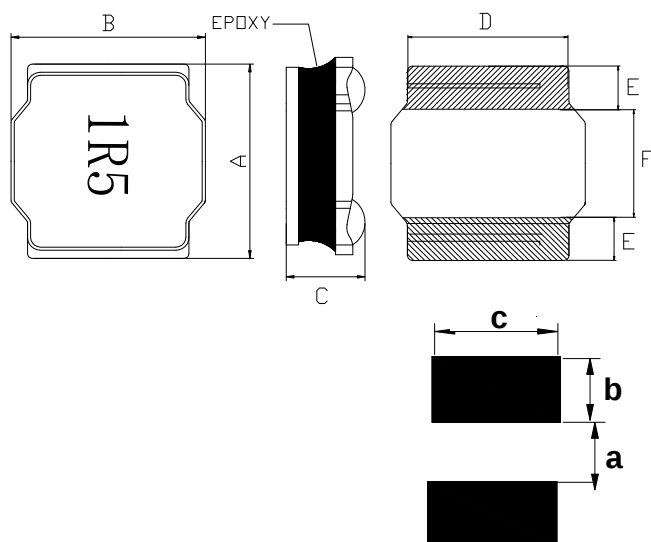
DATE OF SAMPLING

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

(1) DIMENSION(UNIT:mm)



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		FREQUENCY		(3) TEST INSTRUMENTS	
		VOLTAGE		LCR-METER:	
L	1.5μH±30%	100KHz	1V		HP-4291A
				V	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

MINGSTAR ELECTRONIC CORP.

TEST DATA FOR PREPRODUCTION SAMPLES

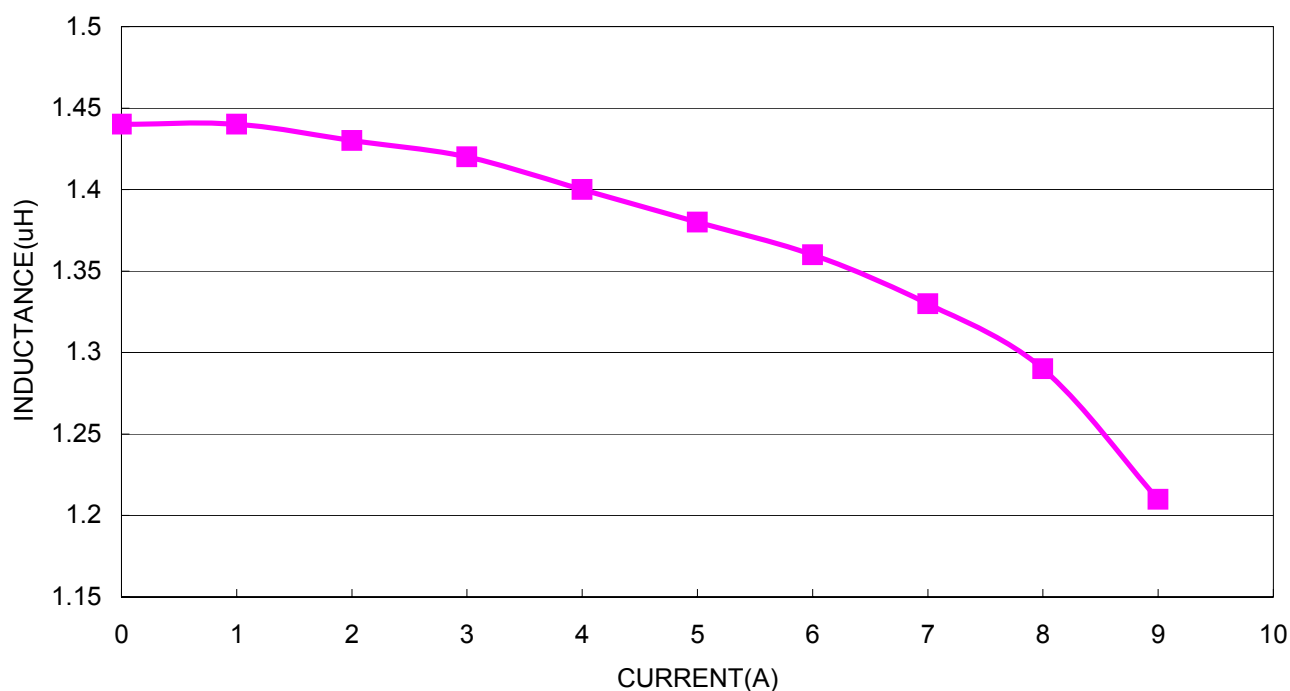
CUSTOMER:	0	Part No.	305-70515			Test Q'ty:	10	PCS
CUST P/N.	0	Description:	UT8040N-1R5P			Date:	2015.11.4	
MEASURE ITEM	L (μH)	DCR (mΩ)	A (mm)	B (mm)	C (mm)			
SPECIFIC	1.5	10.0	8.0	8.0	4.2			
SUGGEST	±20%	±30%	±0.3	±0.3	Max			
1	1.51	11.69	8.03	7.98	4.02			
2	1.48	11.82	8.02	7.98	3.96			
3	1.48	11.67	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
	ENVIRONMENT:		TEMP:25 degree HUMDITY :65%					
	STORAGE TEMPERATURE RANGE				-40℃~+85℃			
	OPERATING TEMPERATURE RANGE				-25℃~+85℃			
REMARK:				APPROVED		CHECKED		DRAWN BY
				Simon		辛海峰		張小萍

MINGSTAR ELECTRONIC CORP.

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



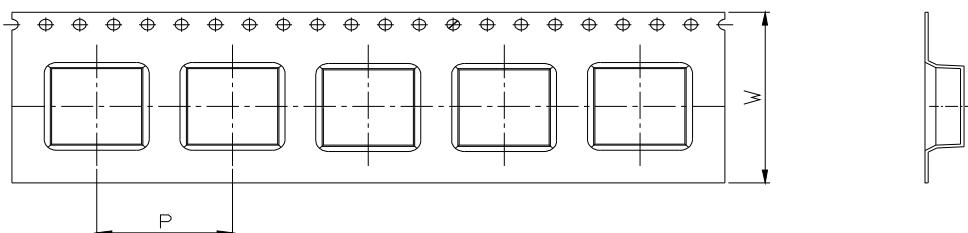
TEST CONDITION	INSTRUMENTS:	WK3260B	AT:	100KHz	1V
	ENVIRONMENT:	TEMP:25 degree HUMDITY :65%			
REMARK:			APPROVED	CHECKED	DRAWN BY
			Simon	辛海峰	張小萍

MINGSTAR ELECTRONIC CORP.

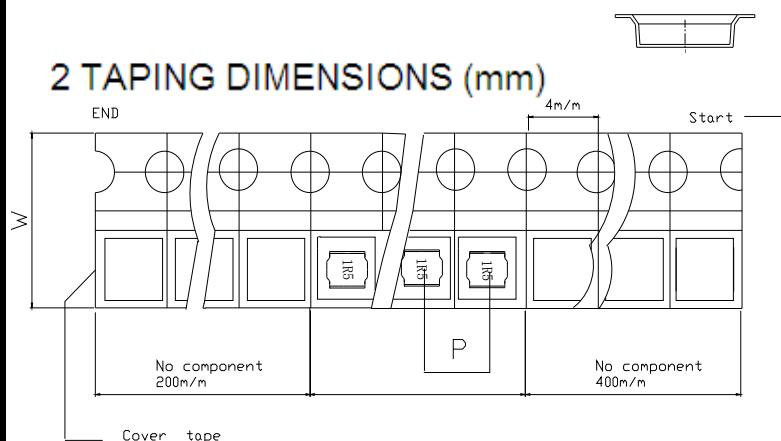
CUSTOMER	0	CUST P/N.	0
ITEM	SMD Power Inductors	Description	UT8040N-1R5P
Part No.	305-70515	DATE	2015.10.26

PACKAGING

1 CARRIER TAPE DIMENSIONS (mm)

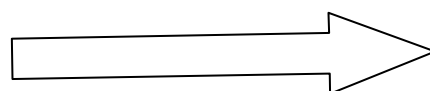


2 TAPING DIMENSIONS (mm)



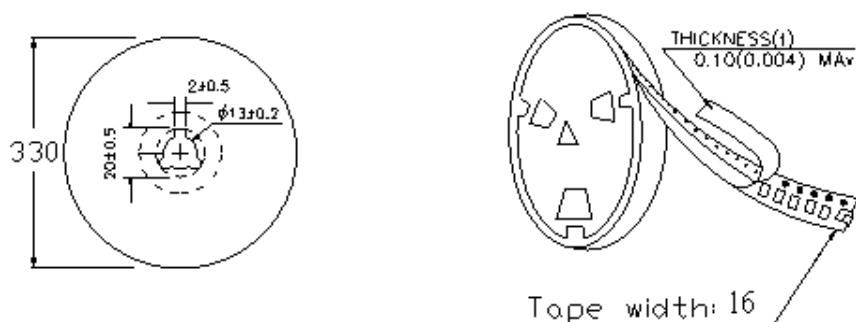
Unreeling
Direction

W	16
P	12



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

MINGSTAR ELECTRONIC CORP.

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.

所有標準件為無論材料及作業上的保證符合登壹公司之所發行之規格，但登壹公司不保證，無任何書面上之事項，客戶制訂之特殊規格產品必須依據登壹及客戶之間之書面上之同意。

在以下條件下登壹公司同意修繕／更換：

- 1.買方收到貨之後國內30天/國外60天之內，必須書面上通知登壹公司要求退貨，以上包含客戶抱怨及樣品。
- 2.登壹公司有權決定產品是否為確實不良，但不良不包含意外、操作錯誤、使用不當及人為因素所造成。
- 3.登壹公司所負責範圍不包含：修繕成本及材料之補充，此保證書不保證登壹公司書面授權者之外之修繕之前為。
- 4.本公司保留變更規格之權利。

登壹公司所負責之範圍不包含：利益之損失、生產線之停止，或特殊情況及意外之損壞。



登壹企業股份有限公司

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