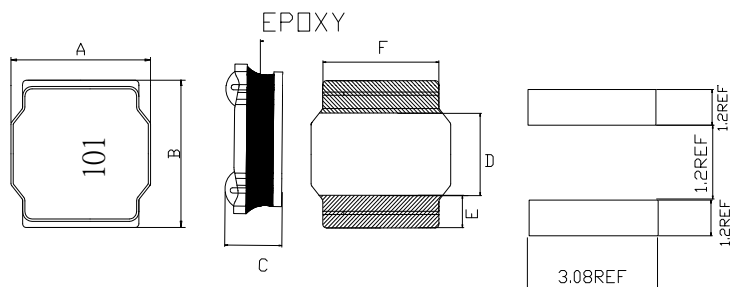


## SPECIFICATION FOR APPROVAL

CUSTOMER		CUST P/N.	
ITEM	SMD Power Inductors	Description	UT3015N-101M
PART NO.	305-97019	DATE	2021.7.28

**(1) DIMENSION(UNIT:mm)**



<b>A</b>	3.0±0.2	mm
<b>B</b>	3.0±0.2	mm
<b>C</b>	1.5 (Max)	mm
<b>D</b>	1.5REF	mm
<b>E</b>	0.9REF	mm
<b>F</b>	2.78REF	mm
		mm
		mm

**(2) ELECTRICAL REQUIREMENTS**

TEST CONDITION		FREQUENCY		(3) TEST INSTRUMENTS	
		VOLTAGE		LCR-METER:	
<b>L</b>	100.0μH±20%	100KHz	1.0V		WK3260B
				<b>V</b>	TH2816
<b>DCR</b>	3Ω±30%	KHz	V	<b>DC RESISTANCE METER:</b>	
				<b>V</b>	WK3260B
<b>Isat</b>	0.1A(Max)at L drop30%TYP	100KHz	1.0V	<b>CURRENT SOURCE:</b>	
				<b>V</b>	TH2816+1320
		100KHz	1.0V	<b>RFIMPENDANCE/MATERIAL ANALYZER</b>	
				<b>V</b>	TH2816+1320
		MHz	V	<b>GW PUNCTURE INSULATION TESTER</b>	

**(4) TURN:TS(REF)**

**(5) MATERIAL LIST**

ITEM	DESCRIPTION	REMARKS
1	CORE	
2	WIRE	
3	EPOXY	
4	INK	

<b>REMARK:</b>	<b>APPROVED</b>	<b>CHECKED</b>	<b>DRAWN BY</b>
	姜杰文	姜法寶	王艷

## TEST DATA FOR PREPRODUCTION SAMPLES

CUSTOMER:			Part No.	305-97019		Test Q'ty:	10		PCS			
CUST P/N.			Description:	UT3015N-101M			Date:	2021.7.28				
MEASURE ITEM	L ( $\mu$ H)	DCR ( $\Omega$ )	A (mm)	B (mm)	C (mm)							
SPECIFIC	100.0	3.0	3.0	3.0	1.5							
SUGGEST	$\pm$ 20%	$\pm$ 30%	$\pm$ 0.2	$\pm$ 0.2	Max							
1	102.00	2.89	3.05	3.11	1.39							
2	101.00	2.85	3.06	3.01	1.38							
3	99.80	2.87	3.09	2.99	1.38							
4	98.90	2.86	3.03	2.99	1.40							
5	99.60	2.89	3.04	3.02	1.42							
6												
7												
8												
9												
10												
X												
R												
TEST CONDITION	INSTRUMENTS:		WK3260B				AT:	100KHz	1.0V			
	ENVIORNENTS:		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				
						姜杰文	姜法寶	王艷				

**MINGSTAR ELECTRONIC CORP.**