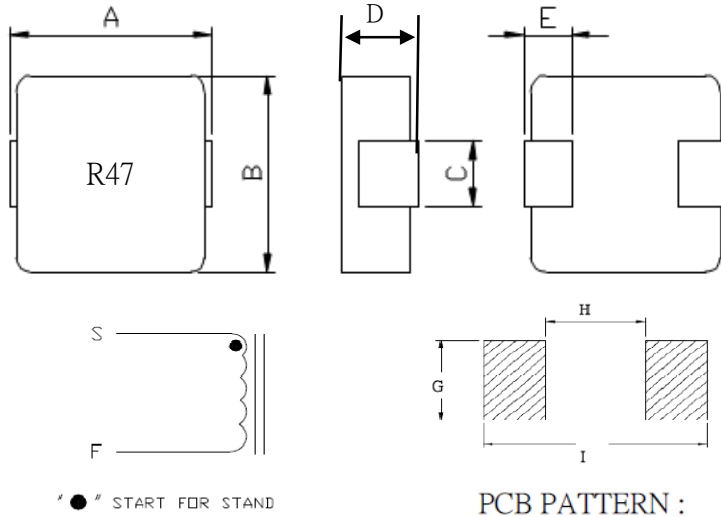


## SPECIFICATION FOR APPROVAL

CUSTOMER		CUST P/N.	
ITEM	SMD POWER INDUCTORS	Description	NBMC0650N-R47M
PART NO.		DATE	2021.10.28

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



<b>A</b>	7.3±0.3	mm
<b>B</b>	6.6±0.3	mm
<b>C</b>	3.0±0.3	mm
<b>D</b>	5.0(Max)	mm
<b>E</b>	1.6±0.3	mm
<b>H</b>	3.7REF	mm
<b>G</b>	3.5REF	mm
<b>I</b>	8.4REF	mm

**(2)ELECTRICAL REQUIREMENTS**

TEST CONDITION		FREQUENCY		(3) TEST INSTRUMENTS	
		VOLTAGE		LCR-METER:	
<b>L</b>	0.47μH ± 20%	100KHz	1.0V		WK3260B
				<b>V</b>	TH2816B
<b>DCR</b>	3.9mΩ (Max)	KHz	V	DC RESISTANCE METER:	
				<b>V</b>	WK3260B
<b>Isat</b>	21.0A(Max) at L to drop 30% (TYP)	100KHz	1.0V	DC RESISTANCE METER:	
				<b>V</b>	TH2816B+1320
<b>Irms</b>	20.0A(Max) Δt ≤ 40°C TYP	100KHz	1.0V	DC RESISTANCE METER:	
				<b>V</b>	TH2816B+1320

**(4)TURN:**

**(5)MATERIAL LIST**

ITEM	MATERIAL	SUPPLIER OF THE MATERIAL

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

## TEST DATA FOR PREPRODUCTION SAMPLES

CUSTOMER:			Part No.	0		Test Q'ty:	5		PCS			
CUST P/N.			Description:	NBMC0650N-R47M			Date:	2021.10.28				
MEASURE ITEM	L (uH)	DCR (mΩ)	A (mm)	C (mm)	D (mm)							
SPECIFIC	0.68	4.5	7	6.6	5.0							
SUGGEST	±20%	(Max)	±0.3	±0.2	(Max)							
1	0.67	3.91	7.02	6.62	4.85							
2	0.68	3.80	7.05	6.63	4.86							
3	0.67	3.90	7.02	6.61	4.89							
4	0.65	3.85	7.06	6.62	4.89							
5	0.68	3.82	7.03	6.65	4.86							
6												
7												
8												
9												
10												
TEST CONDITIO N	<b>INSTRUMENTS:</b>	WK3260B+TH2816B					<b>AT:</b>	100KHz	1V			
	<b>ENVIORNENTS:</b>	TEMP:25 degree HUMDITY :65%										
	<b>STORAGE TEMPERATURE RANGE</b>	-40℃~+125℃										
	<b>OPERATING TEMPERATURE RANGE</b>	-40℃~+125℃										
REMARK:						APPROVED	CHECKED	DRAWN BY				
						姜杰文	姜法寶	王艷				

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