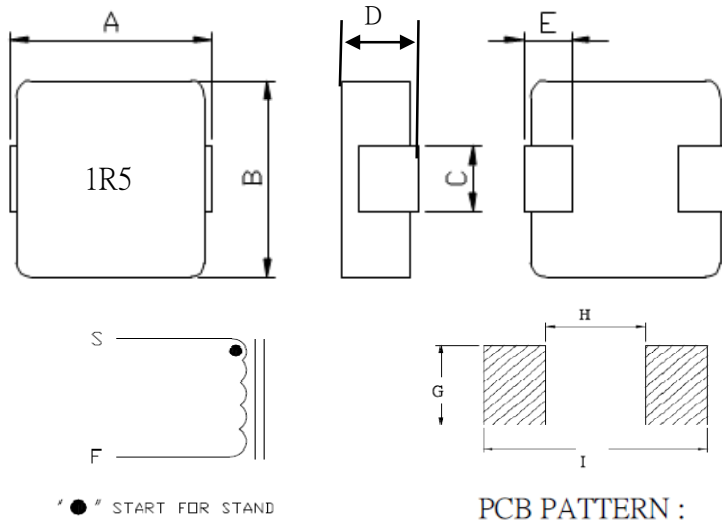


## SPECIFICATION FOR APPROVAL

CUSTOMER		CUST P/N.	
ITEM	SMD POWER INDUCTORS	Description	NBMC0530N-1R5M
PART NO.		DATE	2019.05.10

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



<b>A</b>	5.4±0.35	mm
<b>B</b>	5.2±0.2	mm
<b>C</b>	2.2±0.3	mm
<b>D</b>	3.0(Max)	mm
<b>E</b>	1.2±0.2	mm
<b>H</b>	2.2REF	mm
<b>G</b>	2.5REF	mm
<b>I</b>	6.0REF	mm

**(2)ELECTRICAL REQUIREMENTS**

TEST CONDITION		FREQUENCY		(3) TEST INSTRUMENTS	
		VOLTAGE		LCR-METER:	
<b>L</b>	1.5μH ± 20%	100KHz	1.0V		WK3260B
				<b>V</b>	TH2816B
<b>DCR</b>	25.0mΩ (Max)	KHz	V	DC RESISTANCE METER:	
				<b>V</b>	WK3260B
<b>Isat</b>	9.0A(Max) at L to drop 30% (TYP)	100KHz	1.0V	DC RESISTANCE METER:	
				<b>V</b>	TH2816B+1320
<b>Irms</b>	8.2A(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	王艷

## TEST DATA FOR PREPRODUCTION SAMPLES

CUSTOMER:		Part No.		Test Q'ty:	5	PCS	
CUST P/N.		Description:	NBMC0530N-1R5M	Date:	2019.05.10		
MEASURE ITEM	L (uH)	DCR (mΩ)					
SPECIFIC	1.50	25.0					
SUGGEST	±20%	(Max)					
1	1.42	22.30					
2	1.45	22.00					
3	1.50	22.10					
4	1.48	22.00					
5	1.52	22.30					
6							
7							
8							
9							
10							
TEST CONDITIO N	INSTRUMENTS:	WK3260B+TH2816B			AT:	100KHz	1V
	ENVIORNENTS:	TEMP:25 degree HUMDITY :65%					
	STORAGE TEMPERATURE RANGE	-40°C~+125°C					
	OPERATING TEMPERATURE RANGE	-40°C~+125°C					
REMARK:				APPROVED	CHECKED	DRAWN BY	
				姜杰文	姜法寶	王艷	

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