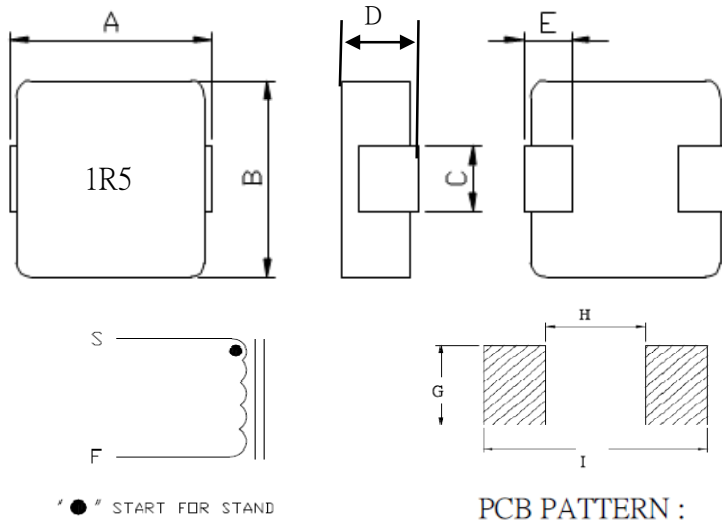


SPECIFICATION FOR APPROVAL

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

(1) DIMENSION(UNIT:mm)



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

(2)ELECTRICAL REQUIREMENTS

TEST CONDITION		FREQUENCY		(3) TEST INSTRUMENTS	
		VOLTAGE		LCR-METER:	
L	1.5μH ± 20%	100KHz	1.0V		WK3260B
				V	TH2816B
DCR	25.0mΩ (Max)	KHz	V	DC RESISTANCE METER:	
				V	WK3260B
Isat	9.0A(Max) at L to drop 30% (TYP)	100KHz	1.0V	DC RESISTANCE METER:	
				V	TH2816B+1320
Irms	8.2A(Max) Δt ≤ 40°C TYP	100KHz	1.0V	DC RESISTANCE METER:	
				V	TH2816B+1320

(4)TURN:

(5)MATERIAL LIST

ITEM	MATERIAL	SUPPLIER OF THE MATERIAL

REMARK:

APPROVED	CHECKED	DRAWN BY
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	