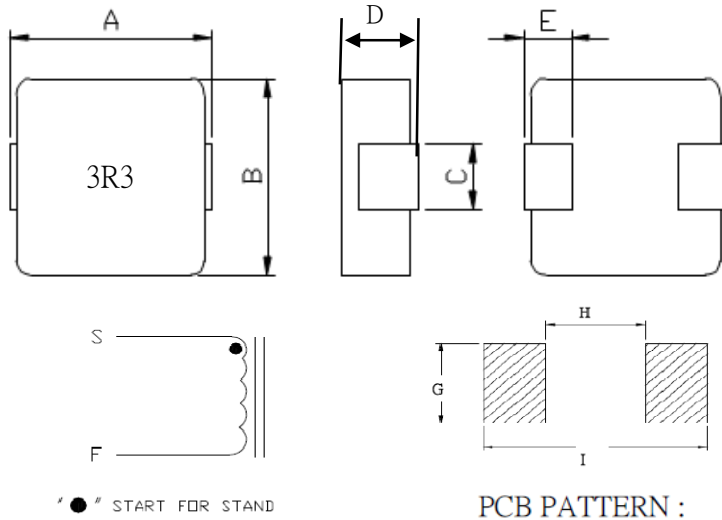


SPECIFICATION FOR APPROVAL

CUSTOMER		CUST P/N.	
ITEM	SMD POWER INDUCTORS	Description	NBMC0650N-3R3M
PART NO.		DATE	2022.5.25

(1) DIMENSION(UNIT:mm)



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

(2)ELECTRICAL REQUIREMENTS

TEST CONDITION		FREQUENCY		(3) TEST INSTRUMENTS	
		VOLTAGE		LCR-METER:	
L	3.3μH ± 20%	100KHz	1.0V		WK3260B
				V	TH2816B
DCR	22.0mΩ (Max)	KHz	V	DC RESISTANCE METER:	
				V	WK3260B
Isat	10.0A(Max) at L to drop 30% (TYP)	100KHz	1.0V	DC RESISTANCE METER:	
				V	TH2816B+1320
Irms	8.5A(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	MIA

TEST DATA FOR PREPRODUCTION SAMPLES

CUSTOMER:			Part No.	0		Test Q'ty:	5		PCS			
CUST P/N.			Description:	NBMC0650N-3R3M			Date:	2022.5.25				
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	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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