

SPECIFICATION FOR APPROVAL

CUSTOMER		CUST P/N.	
ITEM	SMD POWER INDUCTORS	Description	NBMC0630N-330M
PART NO.	306-96931	DATE	2023.3.24

<p>(1) DIMENSION(UNIT:mm)</p> <p style="text-align: center;">PCB PATTERN :</p>		A	7.0±0.3 mm
		B	6.6±0.2 mm
		C	3.0±0.3 mm
		D	3.0(Max) mm
		E	1.6±0.3 mm
		G	3.5REF mm
		H	3.7REF mm
		I	8.4REF mm

(2)ELECTRICAL REQUIREMENTS			
TEST CONDITION		FREQUENCY	(3) TEST INSTRUMENTS
		VOLTAGE	LCR-METER:
L	33.0μH±20%	100KHz 1V	V TH2816B WK3260B
DCR	270mΩ (Max)	KHz V	DC RESISTANCE METER: V TH2512
Isat	2.5A(Max) drop 30% TYP	100KHz 1V	DC RESISTANCE METER: V TH2816B+1320
Irms	2.0A(Max) Δt ≤ 40°C TYP	100KHz 1V	DC RESISTANCE METER: V TH2816B+1320
		KHz V	CURRENT SOURCE:

(4)TURN:

(5)MATERIAL LIST		
ITEM	MATERIAL	SUPPLIER OF THE MATERIAL
1		
2		
3		
4		
5		

REMARK:	APPROVED	CHECKED	DRAWN BY
	姜杰文	姜法寶	王艷

TEST DATA FOR PREPRODUCTION SAMPLES

CUSTOMER:		Part No.	306-96931	Test Q'ty:	5	PCS	
CUST P/N.		Description:	NBMC0630N-330M	Date:	2023.3.24		
MEASURE ITEM	L (μ H)	DCR (m Ω)					
SPECIFIC	33.00	270.0					
SUGGEST	\pm 20%	MAX					
1	33.20	256.00					
2	33.10	254.00					
3	33.00	258.00					
4	33.00	251.00					
5	33.00	250.00					
6							
7							
8							
9							
10							
TEST CONDITION	INSTRUMENTS:	TH2816B+1320			AT:	100KHz	1.0V
	ENVIORNMENTS:	TEMP:25 degree HUMDITY :65%					
	STORAGE TEMPERATURE RANGE	-40 $^{\circ}$ C~+125 $^{\circ}$ C					
	OPERATING TEMPERATURE RANGE	-40 $^{\circ}$ C~+125 $^{\circ}$ C					
REMARK:				APPROVED	CHECKED	DRAWN BY	
				姜杰文	姜法寶	王艷	

MINGSTAR ELECTRONIC CORP.