

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

X-ON Electronics

Largest Supplier of Electrical and Electronic Components

Click to view similar products for [Fixed Inductors](#) category:

Click to view products by [MINGSTAR](#) manufacturer:

Other Similar products are found below :

[CR32NP-100KC](#) [CR54NP-470LC](#) [70F224AI](#) [MGDQ4-00004-P](#) [MHQ1005P10NJ](#) [MHQ1005P1N0S](#) [MHQ1005P2N4S](#) [MHQ1005P3N6S](#)
[MHQ1005P5N1S](#) [MHQ1005P8N2J](#) [PE-53601NL](#) [PE-53602NL](#) [PG0936.113NLT](#) [9220-20](#) [9310-16](#) [PM06-2N7](#) [PM06-39NJ](#) [A01TK](#)
[1206CS-471XJ](#) [HC2-R47-R](#) [HC8-1R2-R](#) [HCF1305-3R3-R](#) [1206CS-151XG](#) [RCH664NP-140L](#) [RCH664NP-4R7M](#) [RCP1317NP-391L](#)
[RCR110DNP-331L](#) [DH2280-4R7M](#) [DS1608C-106](#) [B10TJ](#) [B82498B3101J000](#) [ELJ-RE27NJF2](#) [1812CS-153XJ](#) [1812CS-183XJ](#) [1812CS-](#)
[223XJ](#) [1812LS-104XJ](#) [1812LS-105XJ](#) [1812LS-124XJ](#) [1812LS-154XJ](#) [1812LS-223XJ](#) [1812LS-224XJ](#) [1812LS-563XJ](#) [1812LS-683XJ](#)
[1812LS-824XJ](#) [NIN-FB101JTR110F](#) [NIN-FB471JTR62F](#) [NIN-FC1R5JTR220F](#) [NIN-HCR15JTRF](#) [NIN-HCR33JTRF](#) [NIN-HDR22JTRF](#)