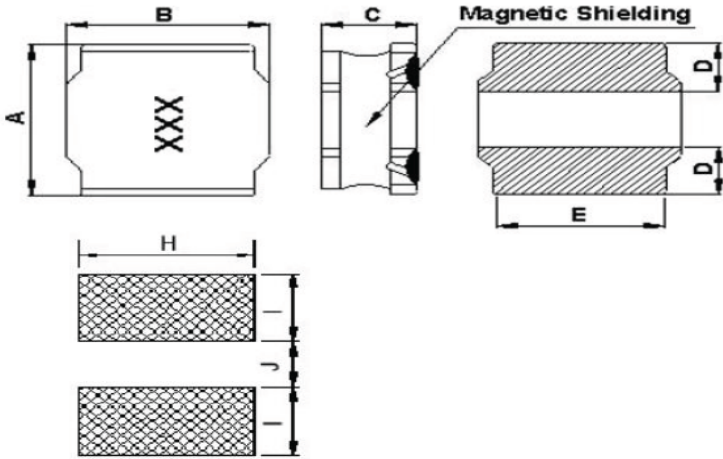
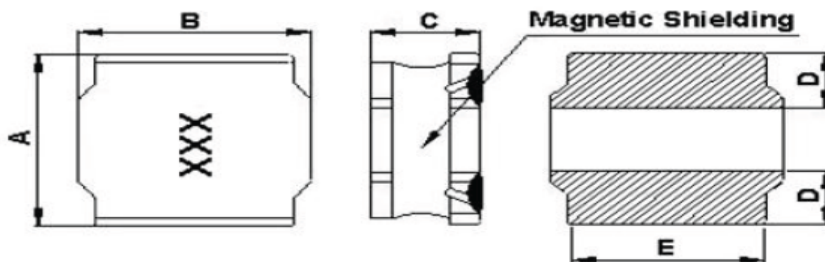


SPECIFICATION FOR APPROVAL

CUSTOMER		CUST P/N.			
ITEM	SMD Power Inductors	Description	XHNR6045N-Series		
PART NO.		DATE	2025.10.14		
(1) DIMENSION(UNIT:mm)					
			A	6.0±0.2	mm
			B	6.0±0.2	mm
			C	4.5 ^{+0.2} _{-0.3}	mm
			D	1.8REF	mm
			E	5.0REF	mm
			H	5.7REF	mm
			I	2.0REF	mm
			J	2.4REF	mm

SMD類產品無鉛編碼原則

SMD Power Inductors



XHNR	6045	N		XXX	X
1	2	3		4	5

1. Code(產品型號)
2. Dimensions(規格尺寸)
3. Pb-free(無鉛)
4. Inductance(電感值:1R1=1.1μH,101=100μH....)
5. Tolerance(誤差:J=±5%;K=±10%;L=±15%;M=±20%;N=±25%)

REMARK:

APPROVED

CHECKED

DRAWN BY

姜杰文

姜法寶

王艷

MINGSTAR ELECTRONIC CORP.

GRAPH

CUSTOMER:		Part No.		Test Q'ty:		PCS		
CUST P/N.		Description:	XHNR6045N-Series	Date:	2025.10.14			
P/N	Item	Inductance		RDC	Isat	Irms	Test Frequency (KHz/V)	Marking
		μH	Tol(公差)	mΩ(Max)	A(Max)			
	XHNR6045N-150M	15.0	±20%	104.00	3.06	1.98	100KHz/1.0V	150
	XHNR6045N-180M	18.0	±20%	130.00	2.79	1.62	100KHz/1.0V	180
	XHNR6045N-220M	22.0	±20%	162.50	2.70	1.71	100KHz/1.0V	220
	XHNR6045N-270M	27.0	±20%	208.00	2.25	1.17	100KHz/1.0V	270
	XHNR6045N-330M	33.0	±20%	214.50	2.07	1.26	100KHz/1.0V	330
	XHNR6045N-470M	47.0	±20%	318.50	1.71	1.08	100KHz/1.0V	470
	XHNR6045N-560M	56.0	±20%	403.00	1.50	0.99	100KHz/1.0V	560
	XHNR6045N-680M	68.0	±20%	429.00	1.44	0.90	100KHz/1.0V	680
	XHNR6045N-101M	100.0	±20%	650.00	1.17	0.72	100KHz/1.0V	101
	XHNR6045N-221M	220.0	±20%	1690.00	0.73	0.34	100KHz/1.0V	221
	XHNR6045N-331M	330.0	±20%	2340.00	0.63	0.31	100KHz/1.0V	331
	XHNR6045N-102M	1000.0	±20%	7800.00	0.36	0.19	100KHz/1.0V	102
Note:								
1.Saturation Rated Current (Isat)The current when the inductance 30% lower its nominalvalue.(Ta=25℃)								
2.temperature Ries Current:(Irms)The actual current when temperature coll becomesΔT=40℃.(Ta=25℃)								
3.Storage Temperature Range:-40℃+125℃.								
4.Operating Temperature Range:-40℃.+125℃.								

MINGSTAR ELECTRONIC CORP.



登壹企業股份有限公司

MINGSTAR ELECTRONIC CORP.

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