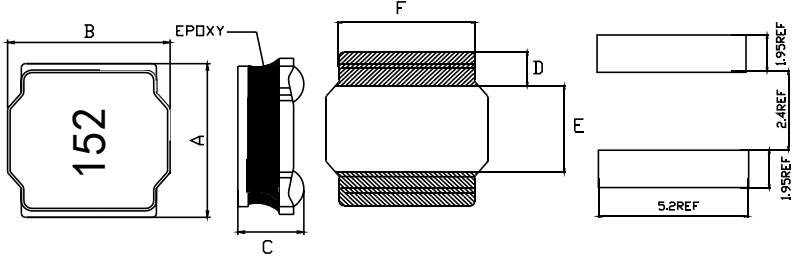


客 户	0	客户品名	XRNR6045-1.5mH/K
编 号	0	日 期	2022-09-06

一. 產品圖示和機械尺寸

 印章规格为：2.8*2.2 (BLACK) 可喷码		UNIT:mm	
A	6.0±0.3	B	6.0±0.3
C	4.5MAX	D	1.65REF
E	2.7REF	F	4.9REF

二. 電氣特性

特性	规格	單位	公差	測試條件	測試儀器
L	1.5	mH	±10%	100KHZ/1V	CH1062
DCR	8.4	Ω	MAX		502BC
Isat	0.24A Based on inductance change ($\Delta L/L_0 \leq 35\%$)			100KHZ/1V	CH1062+CH1310

三. 物料清單

NO.	名稱	規格	有效期	供應商	備註
1	CORE	DNP381 DRS6.0*6.0*4.25-B-EP B2.8 F2.3	2022-5-11	大晶	
		FN381 DRS-6.0-5.5-4.25-2.8C(N0.45)-HH	2022-2-4	标旗	
		64F SDR 6.0*6.0*4.25STM B=2.8 F=2.3	2021-11-27	麦格	
		IPY6*2.8*4.25-P DN33L	2022-7-26	东磁	
		N43 NR 6.0*4.25 B=2.8 F=2.3	2022-3-2	正天	
		JN4H DR6*6*4.25B(SH) B=2.8 F=2.3 T=0.4 W=12	2021-12-9	中山利堡	
		TW40 SDR 6*6*4.25B2.8F2.3	2022-6-1	天文	
		H38S DIR6.0*6.0*4.25-HH B=2.8 F=2.3	2022-4-20	天瑜	
		同等特性材质的材料或等同材料			
2	BASE				
3	WIRE	G1-E180Ø0.09mm*207.5Ts (REF)	2022-3-31	益利素勒	
4	TAPE				
5	磁粉胶	磁粉		标旗	磁粉：胶 =1: 10
		E-500AH (BLACK)	2022-3-5	欧博	
6	錫	PF604-B	2022-11-4	升贸	
7	凡立水				
8	油墨	黑色	2022-2-5	日立	
9	助焊劑	500B-1	2022-3-25	诺菲尔	
10	酒精			南马厂	
11	包材	CR6045-W16P8-TC	2022-7-2	金尔	透明
12	上带	13.3mm	2021-12-9	瑞泰	透明 热封

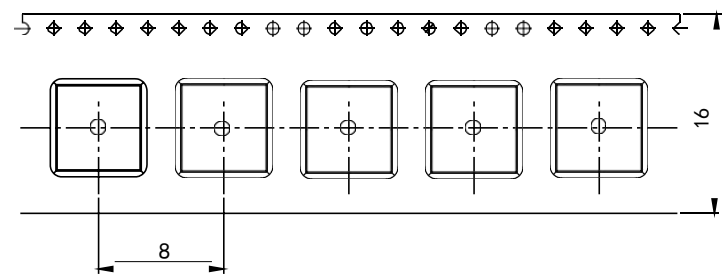


四. RELIABILITY TEST

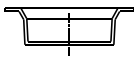
Items	Requirements	Test Methods and Remarks
Resistance to Soldering Heat	1.No visible mechanical damage 2.Inductance change: Within ±5%	1.Solder on PCB to Reflow test Peak Temp. 260±5℃ 5～10 secs ,Cycle :2 times..Re-flowing Profile: Please refer to Fig-1 2.Test board thickness: 1.5mm 3. Test board material: glass epoxy resin 4. The specimen shall be stored at standard atmospheric conditions for 1 hour, after which the measurement shall be made.product showed no damage under microscope.(for microscope of Shun Yu SZM-45 20X) Fig-1
High Temperature	1.No visible mechanical damage 2.Inductance change: Within ±10	1.Temperature: 125±2℃ 2.Duration: 1000 hours 3.The specimen shall be stored at standard atmospheric conditions for 1 hour, after which the measurement shall be made.
Steady damp-heat	1.No visible mechanical damage 2.Inductance change: Within ±10	1.Temperature:85℃ 2.Humidity: 85% RH 3.Duration:1000 hours 4.The specimen shall be stored at standard atmospheric conditions for 1 hour, after which the measurement shall be made.
Mechanical Vibration	1.No visible mechanical damage 2.Inductance change: Within ±10	1.Frequency: 10HZ～55HZ～10HZ/Min Cycles 2.Amplitude: 1.5 mm 3.Directions: X,Y,Z 4.Time: 2 hours in each directions (total of 6 hours)

五. PACKAGING

1 CARRIER TAPE DIMENSIONS (mm)

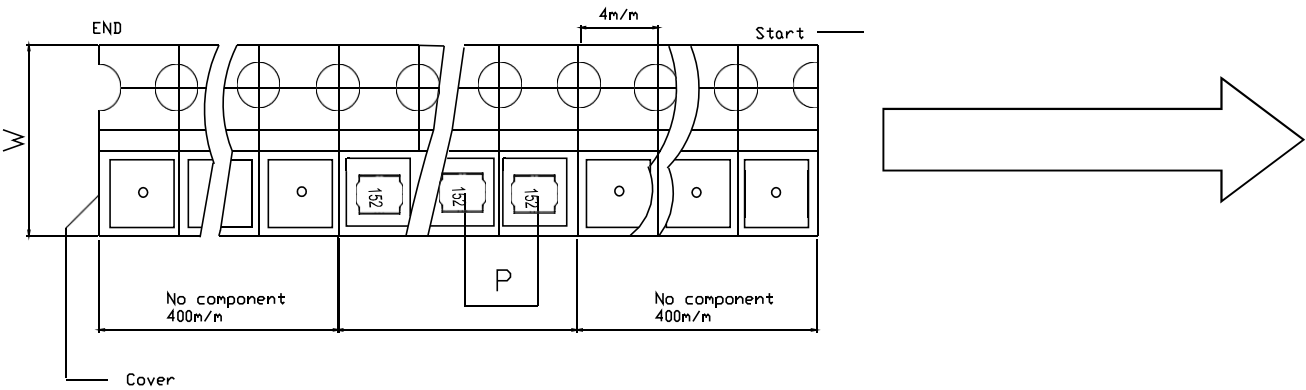


W	16
P	8



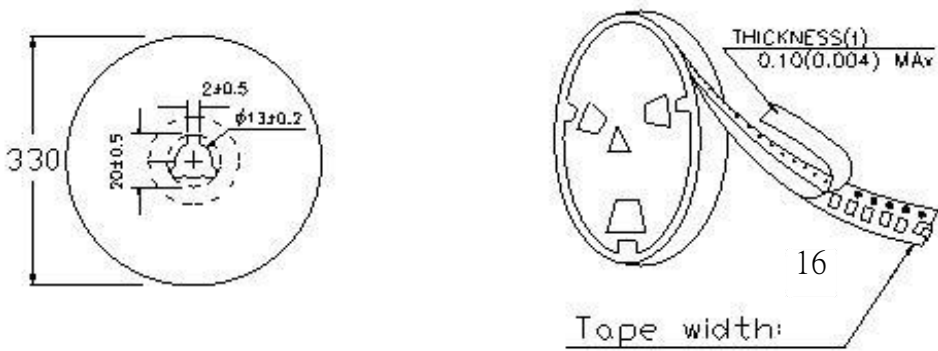
Unreeling
Direction

2 TAPING DIMENSIONS (mm)



备注：产品编好带后，卷盘的最外层为400mmMIN, 最里层为400mmMIN.

3 REEL DIMENSIONS (mm)



4 QUANTITY

1500pcs/Reel



东莞市祥如电子有限公司
DONGGUAN XIANGRU ELECTRONICS CO.,LTD

样品测试数据表

客 户	0	客户品名	XRNR6045-1.5mH/K
编 号	0	日 期	2022-09-06

一.特性测试

测试项目	L (mH)	L Isat (mH)		$\Delta L/L$ (%)	DCR (Ω)		
规格范围	1.5 $\pm$ 10	+0 A	+0.24A	≤ 35	8.4		
测试条件	100KHZ/1V	100KHZ/1V			MAX		
测试仪器	CH1062	CH1062+CH1310			502BC		
1	1.42	1.46	1.38	5.48	6.76		
2	1.43	1.40	1.32	5.71	6.80		
3	1.41	1.47	1.38	6.12	6.91		
4	1.42	1.46	1.38	5.48	6.83		
5	1.41	1.47	1.38	6.12	6.81		
6							
7							
8							
9							
10							
MAX	1.43	1.47	1.38	6.12	6.91		
MIN	1.41	1.40	1.32	5.48	6.76		
AVG.	1.42	1.45	1.37	5.78	6.82		

二.尺寸测试

UNIT:mm

NO.	A	B	C				
规格范围	6.0 $\pm$ 0.3	6.0 $\pm$ 0.3	4.5MAX				
量测设备	游标卡尺	游标卡尺	游标卡尺				
1	6.06	5.95	4.26				
2	6.06	5.97	4.28				
3	6.04	5.96	4.26				
4	6.04	5.97	4.29				
5	6.10	5.95	4.26				
6							
7							
8							
9							
10							
MAX	6.10	5.97	4.29				
MIN	6.04	5.95	4.26				
AVG.	6.06	5.96	4.27				

核准:

检查:

制作: