

客户  
CUSTOMER

H042

承認書  
SPECIFICATION FOR APPROVAL

客户品名  
CUSTOMER NAME.

料号  
PART NO.

本公司品名  
OURS PART NAME. VERH6D18-220M

料号  
PART NO. FIA06D18-02

工程出图 ENGINEERING DRAWING		
發行 MADE	檢查 CHECKED	承認 APPROVED

日期  
DATE: 2022年05月24日

承認印 CUSTOMER APPROVE		
采购	工程	品保

承认结果：请予以认证，提出修改意见或确认后签回，如未签回下订单，则是视为默认。  
所签回的传真件及复印件均视为具有法律效力



深圳市千代源电子有限公司  
SHEN ZHEN VOLUME SOURCE ELECTRONICS CO.,LTD.

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承认书番号

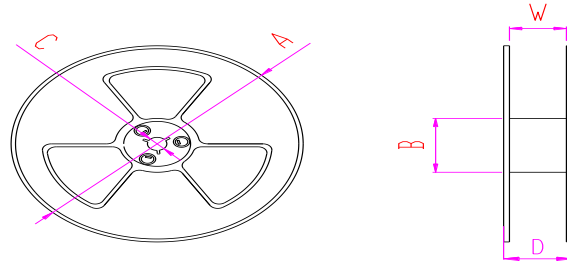
SPEC NO. VE-H042-20220524002

CUSTOMER (客户名称):		DESCRIPTION(品名):			VERH6D18-220M						
CUSTOMER P/N (客户料号):		VOLUMESZ P/N (料号):			FIA06D18-02						
一. 产品尺寸图: (mm) Dimension(mm)					二. 电性原理图: Schematic						
实物尺寸图					焊盘尺寸图						
注:1.产品居中印字, 方向如上图, 印字大小尺寸: 长 4.0mm 宽 3.0mm (客户特殊要求除外)											
A1	A2	B	C	D	E	G	C1	D1	E1		
6.7±0.3	6.7±0.3	2.1Max	2.0±0.2	2.3±0.3	6.7±0.3	9.5Max	2.0±0.2	2.8±0.1	7.2±0.1		
三. 绕组结构 WINDING											
WINDING	START	FINISH	WIRE (φ)		COLORE	TURNS		REMARK			
N1	S	F	2UEWφ 0.14X1P			20.5(REF)					
四. 产品电气特性 Electrical Characteristics											
序号 (NO)	项目 (Item)	单位 (Unit)	电性要求 (Power requirements)		测试条件 (Test Condition)		环境温度湿度 Temp/Humidty				
1	L0A (S-F)	uH	22±20%		1KHZ 0.25V		25℃/70%				
2	IDC: 0.8A (S-F)	uH	≥L0A×80%				25℃/70%				
3	DCR (S-F)	mΩ	370MAX				25℃/70%				
五. 产品物料 Material											
序号	项目	规格型号		耐温	供应商代码		备注				
1	磁芯	RH6D18/镀金 BASE			C006/B001						
2	铜线	2-UEW 黄色		H 级:180℃	Q094						
3	锡条	601 无铅高温锡条(Sn:99.5)			A017						
4	印油	1300 710 黑 (无卤)			A007/D025						
5	助焊剂	XD-982D 20L/桶			A001						
6	胶水	6020H-DZ			A013						
深圳市千代源电子有限公司 SHEN ZHEN VOLUME SOURCE ELECTRONICS CO., LTD.				APPROVALS		DATE					
				DRAWN BY		卢永汉		REV		A 0	
				CHECKED BY				DATE		2022-05-24	
				APPROVED BY				PAGE		2 / 5	

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<b>CUSTOMER P/N (客户料号):</b>	<b>VOLUMESZ P/N (料号):</b>	<b>FIA06D18-02</b>

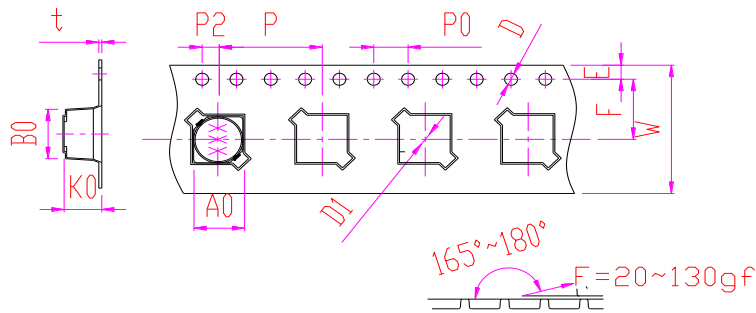
六. 包装方式

1. 每卷轴包装数量:2000PCS/R (开始与结尾留空 17~34PCS 不装产品), 贴上正确的标签,然后放入一塑料袋(胶袋尺寸:360x460mm)内,附一包干燥剂,封口,卷轴及载带尺寸.如图(一)  
图(一)



卷轮尺寸 (REEL DIMENSIONS) 一般公差±0.5mm

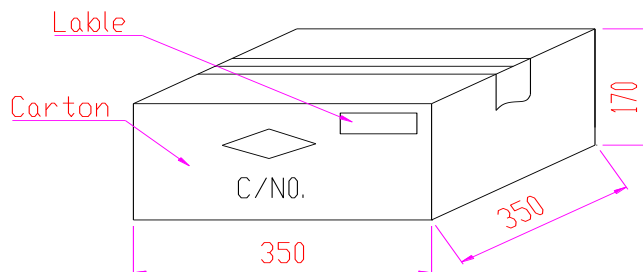
A	B	C	W	D
Φ 330	Φ 100	Φ 13.5	16.5	22.5



载带尺寸(TAPE DIMENSIONS)一般公差为±0.2mm

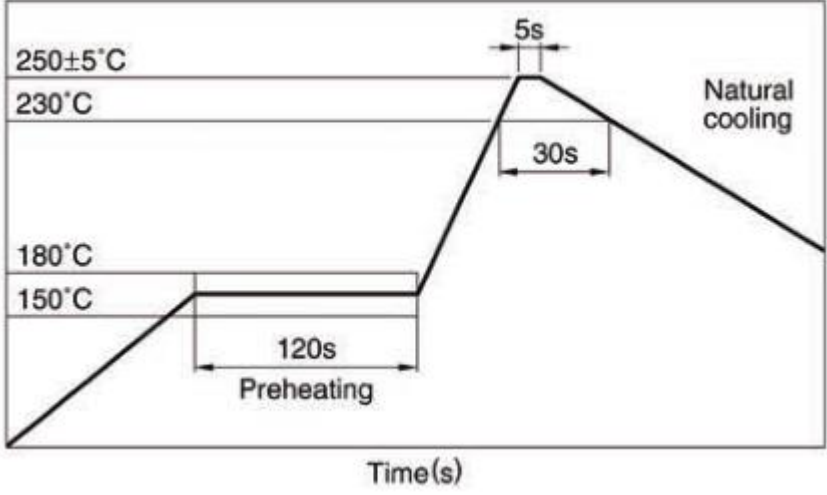
W	A0	B0	K0	P	F	E	D	D1	P0	P2	t
16.00	7.10	7.10	2.20	12.00	7.50	1.75	1.50	0.00	4.00	2.00	0.30

- 2.每啤盒装 6000PCS(3 卷).(啤盒尺寸:338x338x78mm)
- 3.每箱装 18000PCS(3 盒),封口,贴上标签,纸箱形状尺寸.如图(二).



图(二)

深圳市千代源电子有限公司 SHEN ZHEN VOLUME SOURCE ELECTRONICS CO., LTD.	<b>APPROVALS</b>		<b>DATE</b>	
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	<b>CHECKED BY</b>		<b>DATE</b>	2022-05-24
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<b>CUSTOMER (客户名称):</b>	<b>DESCRIPTION(品名):</b>	<b>VERH6D18-220M</b>															
<b>CUSTOMER P/N (客户料号):</b>	<b>VOLUMESZ P/N (料号):</b>	<b>FIA06D18-02</b>															
1. STORAGE TEMPERATURE	-40°C~+105°C																
2. OPERATING TEMPERATURE RANGE	-40°C~+105°C (CONTAIN HEATING COIL)																
3. RECOMMENDED SOLDERING CONDITIONS	REFLOW SOLDERINGS 																
4. HIGH TEMPERATURE LIFE TEST	PERFORMANCE: APPEARANCE: NO DAMAGE. INDUCTANCE: WITHIN ±20% OF INITIAL VALUE. NO DISCONNECTION OR SHORT CIRCUIT. TEST CONDITION: TEMPERATURE: 105 ± 5°C. DURATION: 500 ± 12 HRS. MEASURED AT ROOM TEMPERATURE AFTER PLACING FOR 2 TO 3 HRS.																
5. LOW TEMPERATURE LIFE TEST	PERFORMANCE : APPEARANCE: NO DAMAGE. INDUCTANCE: WITHIN ±20% OF INITIAL VALUE. NO DISCONNECTION OR SHORT CIRCUIT. TEST CONDITION: TEMPERATURE: -40 ± 5 °C . DURATION: 500 ± 12 HRS. MEASURED AT ROOM TEMPERATURE AFTER PLACING FOR 2 TO 3 HRS.																
6. THERMAL SHOCK	PERFORMANCE : APPEARANCE: NO DAMAGE. INDUCTANCE: WITHIN ±20% OF INITIAL VALUE. NO DISCONNECTION OR SHORT CIRCUIT TEST CONDITION: CONDITION FOR 1 CYCLE. STEP1: -40 ± 3°C 30 ± 3 MIN. STEP2: ROOM TEMPERATURE WITHIN 3 MIN. STEP3: +105 ± 3°C 30 ± 3 MIN. STEP4: ROOM TEMPERATURE WITHIN 3 MIN.. NUMBER OF CYCLES: 5 MEASURED AT ROOM TEMPERATURE AFTER PLACING FOR 2 TO 3 HRS. <table border="1" data-bbox="1149 1496 1516 1769"> <thead> <tr> <th>Step</th> <th>Temp(°C)</th> <th>Time(min.)</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>-40 ± 3°C</td> <td>30 ± 3</td> </tr> <tr> <td>2</td> <td>room temp.</td> <td>within 3</td> </tr> <tr> <td>3</td> <td>+105 ± 3°C</td> <td>30 ± 3</td> </tr> <tr> <td>4</td> <td>room temp.</td> <td>within 3</td> </tr> </tbody> </table>		Step	Temp(°C)	Time(min.)	1	-40 ± 3°C	30 ± 3	2	room temp.	within 3	3	+105 ± 3°C	30 ± 3	4	room temp.	within 3
Step	Temp(°C)	Time(min.)															
1	-40 ± 3°C	30 ± 3															
2	room temp.	within 3															
3	+105 ± 3°C	30 ± 3															
4	room temp.	within 3															
7. HUMIDITY RESISTANCE	PERFORMANCE : APPEARANCE: NO DAMAGE. INDUCTANCE: WITHIN ±20% OF INITIAL VALUE. NO DISCONNECTION OR SHORT CIRCUIT. HUMIDITY: 90~95%RH. TEMPERATURE: 40 ± 5 °C . APPLIED CURRENT: RATED CURRENT. DURATION: 500 ± 12 HRS. MEASURED AT ROOM TEMPERATURE AFTER PLACING FOR 2 TO 3 HRS																

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## 样品检测数据

电性特性 Electrical Characteristics				产品尺寸 Dimension (unit:mm)						
ITEM	L 0A(μH)	IDC 0.8A(μH)	DCR (mΩ)	A1	A2	B	C	D	E	G
SPEC	22±20%	≥L0Ax80%	370Max	6.7±0.3	6.7±0.3	2.1Max	2.0±0.2	2.3±0.3	6.7±0.3	9.5Max
1	22.20	21.38	285	6.83	6.77	1.80	2.09	2.32	6.71	8.89
2	21.29	19.96	286	6.84	6.73	1.83	2.08	2.36	6.71	8.87
3	21.81	20.24	280	6.85	6.72	1.82	2.11	2.33	6.73	8.88
4	22.14	20.20	281	6.86	6.72	1.80	2.09	2.36	6.70	8.89
5	22.67	21.04	283	6.85	6.70	1.80	2.09	2.32	6.72	8.86
6	21.50	20.12	286	6.83	6.77	1.81	2.09	2.32	6.71	8.89
7	23.56	21.78	283	6.84	6.73	1.83	2.08	2.36	6.71	8.87
8	22.08	20.27	286	6.85	6.72	1.82	2.11	2.33	6.73	8.88
9	22.03	20.58	287	6.86	6.72	1.83	2.09	2.36	6.70	8.89
10	21.33	20.35	283	6.85	6.70	1.81	2.09	2.32	6.72	8.86

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