## 深圳市钜硕电子有限公司

SHENZHEN JUSHUO ELECTRONIC CO., LTD

# 产品承認書

## Productacknowledgment

客户(Customer):

品名(Product Name): **2.5mm间距卧式贴片连接器** 

料号(Material number): AFC25-S\*\*DCA-00 (\*\*表示PIN位数)

	本公司确认Our confirmation			
工程/日期engineering/date	业务/日期business/date	批准/日期Approval/date		
刘中华 2020.08.08	王 斌 2020.08.08	幸坤新 2020.08.08		
	客户确认Customer confirmation			
工程/日期engineering/date	品质/日期quality/date	批准/日期Approval/date		
公司地址:				
电话:				
联系人:				
传真:				
邮件:				

深	圳市钜硕电子有限公司	产品名称 Product name	2.5mm卧式贴片											
	デ品型号 HENZHEN JUSHUO ELECTRONIC CO.,LTD Product mod													
	产品承认书 Product acknowledgement													
	Product acknowledgement Page number													
	目录 directory													
项次 Items are	文件名称 The file name		页码 Page number											
1	封面The cover		P-1											
2	目录directory		P-2											
3	工程变更记录Engineering change record		P-3											
4	标准额定值、包装、运输、贮存、部件名称及材质、外观 Standard rating、Packing、transport、Keep in storag Part name material、appearance	e, storage	P-4											
5	电气特性、环境特性Electrical and environmental chara	acteristics	P-5											
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7	环境特性Environmental characteristic		P-7											
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	F钜硕电子有限公司	产品名称 Product name 产品型号	2.5mm卧式贴片 AFC25-S**DCA-00
	产品承认书 duct acknowledgement	Product model 版本号 Version number 页码	1版 1 version 共6页 第1页
	工程变更记录	Page number	Page 1 of 6
版本号 Version number	Engineering change record 变更记录 Change record	变更人 Change a person	日期 The date of

产品名称 深圳市钜硕电子有限公司 2.5mm卧式贴片 product name 产品型号 SHENZHEN JUSHUO ELECTRONIC CO., LTD AFC25-S\*\*DCA-00 Product model 版本号 1版 产品承认书 Version number 1 version 页码 共6页 第2页 Certificate of production Page number Page 2 of 6 1. 适用范围 Scope of application 本规范适用于2.5系列产品。 This specification is applicable to A1251 series products. 2. 标准额定值 Standard rating 项目 project 规格 specifications 额定电压 The rated voltage 250V 额定电流 Rated current 3.0A AC/DC

#### 3. 环保 The environmental protection

使用温度范围 Operating temperature range

使用湿度范围 Operating humidity range

产品符合ROHS环保要求。Products in line with ROHS environmental protection requirements.

#### 4. 包装 Packing

产品内包装为连带,外包装为纸箱,产品在箱内密封,不晃动。

The inner packing of the product is joint and several, the outer packing is carton, the product is sealed in the box, do not shake.

-25°C~+105°C

相对湿度90%以下 Relative humidity is below 90%

#### 5.运输 transport

允许用任何方式运输,但需避免雨雪淋和阳光照射,不能有碰撞和挤压等机械损伤,运输环境温度为-20℃+50℃ It is allowed to be transported by any means, but it should avoid rain, snow and sunlight, no mechanicaldamage such as collision and extrusion, and the ambient temperature of transportation is -20℃+50℃

#### 6.贮存: Storage

包装完毕连接器应在环境温度为-20℃~+50℃,相对湿度不大于90%,周围空气中没有酸性,碱性及其它腐蚀性气体的仓库中贮存。

After packaging, the connector should be in the ambient temperature of  $-20^{\circ}C \sim +50^{\circ}C$ , the relative humidity should not be more than 90%, there is no acid, alkaline and other decayin the surrounding air

7.部件名称/部件规格型号/部件材质 Part name/part specification/part material

部件名称 Part name	型号 model	材质 The material
基座 base	2.5	LCP E130i
插针 pin	2.5	黄铜 brass
固定片 stator	2. 5	黄铜 brass

#### 8. 外观及尺寸 Appearance and size

8.1外观 appearance

塑胶件表面应无明显疤痕、杂色、开裂、毛刺、飞边、缺料及影响使用的变形;金属件表面应光洁、无锈蚀、 氧化、脱皮、发黑及明显的机械损伤等缺陷。

The surface of plastic parts shall be free of obvious scars, mottled, cracked, burr, flash, lack of material and deformation affecting the use; the surface of metal parts shall be smooth and clean No rust, oxidation, peeling, blackening and obvious mechanical damage.

8.2 尺寸 size

参照工程图 Reference engineering drawing

SHENZHEN JUSHUO ELECTRONIC CO., LTD

产品承认书

Electrical characteristics

9. 电气特性

### Certificate of production

product name2.5mm@rty,MAA产品型号<br/>Product modelAFC25-S\*\*DCA-00版本号1版版本号1版Version number1 version页码共6页 第3页Page numberPage 3 of 6

2.5mm卧式贴片

产品名称

かせい	ALT PICCO				
编号 number	项目 project	试验方法 Test method for	性能要求 performance requirements		
9.1		将连接器插合,用接触电阻仪进行测试,测量连接器两个端子 之间组成一个闭合的回路。 Plug in the connector and test it with a contact resistance meter to measure both terminals of the connector Form a closed loop between.	20mΩ Max		
9.2	Insulation	将连接器插合,在相邻接触件之间和接触件与外壳之间施加1000V DC电压,持续1分钟进行测试。 Plug in the connector and apply 1000V DC voltage between the adjacent contacts and between the contacts and the enclosure for 1 minute.	1000MΩ Min		
9.3		将连接器插合,在相邻接触件之间和接触件与外壳之间施加1000V AC电压,持续1分钟进行测试。 Plug in the connector and apply 1000V AC voltage between the adjacent contacts and between the contacts and the enclosure for 1 minute.	无击穿和飞弧现象 No breakdown and flashover		
10. 环境	特性				
编号 number	项目 project	试验方法 Test method for	性能要求 performance requirements		
10 1	耐热试验	将插合连接器放在温度为+105℃±2℃的环境中96H,取出放在正常环境中1 <sup>~</sup> 2H后再进行测试。	外观: 外观无损伤 Appearance: appearance without		
10. 1	Heating test	Put the plug connector in the environment of $\pm 105^{\circ} \pm 2^{\circ} C$ for 96H, take it out and put it in the normal environment for $1^{\circ} 2$ H before testing.	接触电阻: 30mΩ Max Contact resistance: 30mΩ Max		
10.0	耐冷试验 Cold	将插合连接器放在温度为-25℃±2℃的环境中96H,取出放在正常 环境中1 <sup>~</sup> 2H后再进行测试。 The plug connector was placed in the environment with the	外观: 外观无损伤 Appearance: appearance without damage		
10.2	tolerance test	temperature of $-25^{\circ}C \pm 2^{\circ}C$ for 96H, and was taken out and placed in the normal environment for $1^{\sim}2H$ before being tested.	接触电阻: 30mΩ Max Contact resistance: 30mΩ Max		
10. 3		将插合连接器放在温度为40℃±2℃,相对湿度90 <sup>~</sup> 96%的环境中, 持续96H,经试验后,取出放在正常环境中1 <sup>~</sup> 2H后再进行测试。 Place the plug connector in an environment with a temperature of 40℃±2℃ and relative humidity of 90 <sup>~</sup> 96%.Last for 96H, after the test, take it out and put it in the normal environment for 1 <sup>~</sup> 2H before the test.	外观:外观无损伤 Appearance: appearance without 绝缘电阻: 500MΩ MIN Insulation resistance: 500MΩ min 耐电压: 800V AC/min ute MIN Withstand voltage: 800V AC/minUte MIN		

17	深圳市银	巨硕电子有限公司	产品名称 product name	2.5mm卧式贴片
SHEN	NZHEN JU	SHUO ELECTRONIC CO.,LTD	产品型号 Product model	AFC25-S**DCA-00
	产	* 品 承 认 书	版本号 Version number	1版 1 version
	Certifi	共6页 第4页 Page 4 of 6		
编号 number	项目 project	Page number	性能要求 performance requirement	
		把试验样品分别放入高低温试验箱,按下歹 a. 在−25℃±3℃的恒温条件下放置30分钟 b. 在常温条件下放置1H	J步骤调试温度:	外观:无任何异状
10. 4	温度循环 Temperature cycle	<ul> <li>C. 在+105℃±3℃的恒温条件下放置30分钟</li> <li>D. 在常温条件下放置1H</li> <li>从a到d为一个循环周期,共进行5个循环,算复2H后进行检查。</li> <li>Put the test samples into the high and temperature test chamber, and adjust faccording to the following steps:</li> <li>A. Place for 30 minutes under the constemperature of -25℃±3℃</li> <li>B. Place at room temperature for 1 how C. Place for 30 minutes at a constant +105℃±3℃</li> <li>D. Place at room temperature for 1 how From a to d is a cycle period, a total are carried out, and 2H is recovered a environmentCheck later.</li> </ul>	d low the temperature stant ur temperature of ur l of 5 cycles	接触电阻: 30mΩ Max Contact resistance: 30mΩ Max
10.5	盐雾试验 Salt Spray Test	将试验样品从试验箱顶悬挂下来,采用浓度 )%的氯化钠溶液,连续喷雾24H,试验后用 溜水轻轻洗去表面沉淀积物,在常温条件下 再检查测量。 The test sample was suspended from the test box, and the concentration of (55 Chloride Solution was continuously spu After testing, the surface precipitate washed with flowing steaming water, th was rechecked at normal temperature.	流动的蒸 下恢复1 <sup>~</sup> 2H后 e top of the 1)% Sodium rayed with 24H. es were lightly	外观:无损伤、腐蚀 (五金件应无露出底金 属的严重锈蚀:使用预 镀好的型材,其落料面 允许有不影响其性能的 轻微腐蚀。 Appearance: no damage or corrosion (hardware should not expose the bottom metal of serious corrosion: use pre- platingThe blanking surface is allowed to have a slight corrosion that does not affect its performance. 接触电阻: 30mΩ Max



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SHE	ENZHEN JU	ISHU	OELECIR	ONIC CO.,L	ID	Product model	AFC25-S**DCA-00					
	产	: 맘	□承 认	书		版本号 Version number	1版 1 version					
	Certificate of production 页码 Page number											
	Deficition     Page number     Page 5 of 6       11. 机械特性 mechanical properties											
编号 number	性能要求 performance requirement											
11.1	PIN针固定力 Pin fixing force	$25 \pm 34$ Fix the force	回定在插拔力材 mm的速率,直到 he pin holder on the front inute until the r.	e and apply ate of 25±3mm	单一PIN针12N Min Single pin 12n min							
11.2	端子在塑胶 件中保持力 Terminal retention in plastic parts	从孔函 The t at th direc	5孔座配合,以每 回中拔出的力。 erminal shall i e rate of 25±: tion, theThe fo f the socket.	the conductor	单一端子: 15N Min Single terminal: 15n min							
11.3	机械寿命 Mechanical life	Under		分钟的速度插拔 tate, plug and es / min.		50 times at	接触电阻: 30mΩ Max Contact resistance: 30mΩ Max					
		(1) 扣去掉 (1)F remov the h	掉。(测试速度: it the hole sea al test on the ole seat(test 性能要求:Perfo	合好,与针座在 20±5mm)minu at and the tern same axis with speed: 20 ± 4 rmance require	te ninal, a h the ne 5mm) min	ই上进行插拔测试, and conduct the eedle seat. Remo nute during the	ve the lock of					
	插入力拔出力	孔位	插入(N) insert	拔出(N) Pull out	孔位	插入(N) insert	拔出(N) Pull out					
11.4	Insertion pull out	1	16.00	2.00	9	48.00	24.00					
	force	2	20.00	10.00	10	52.00	26.00					
		3	24.00	12.00	11	56.00	28.00					
		4	28.00	14.00	12	60.00	30.00					
		5	32.00	16.00	13	64.00	32.00					
		6	36.00	18.00	14	68.00	34.00					
		7	40.00	20.00	15	72.00	36.00					
		8	44.00	22.00	16	76.00	38.00					

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						2. ON 1 20F	2. 5WT-19P	2.5WT-18P	2. 5WT-17P	2.5WT-15P	2.5WT-12P 2.5WT-13P 2.5WT-14P	Circuite								
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						品名	插针	焯片	基座	物料名称										
ω					發的	2.5卧式贴片	2.5	22 5	2.5	规格型号					<u>ا</u>	┙╴┎			<u></u>	6
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	Angle ±3.0°	X. XXX ±0.10	X. XX ±0.20	X.X ±0.30	未注公差	各國	黄铜	黄铜	LCPE130i	材质				θ						
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