

承 认 书

Approval Sheet

客户 (Customer): /

客户料号 (Cus .P/N): /

华联威料号 (HLW P/N): JK1-257-4118

品名规格 (PronameSpec): DC-002 中心柱 1.3 全铁

送样日期 (Delivery Date): 2022/12/27

承认日期 (Acknowledge Date): 2022/12/27

| | | | |
|---|------------------|---------------------------|--------------------|
| Approved No: | | 客 户 Customer | |
| 采 购 部 Purchasing Dept | 品 质 部 QC Dept | 工 程 部 Engineering Dept | 确 认 Approved By |
| | | | |
| 深 圳 市 华 联 威 电 子 科 技 有 限 公 司 SHEN ZHEN SHI HUA LIAN WEI ELECTRONICS TECHNOLOGY CO; LTD. | | | |
| 业 务 部 Sales Dept | 品 管 部 QC Dept | 工 程 部 Engineering Dept | 核 准 Checked By |
| 江 梅 | 欠 必 锋 | 陈 建 辉 | 唐 竹 君 |

地址: 深圳市龙华区观澜街道桂香社区观澜桂花路 307 号

TEL: 0755-28888886 28888866

邮箱: hua@hlwconn.com

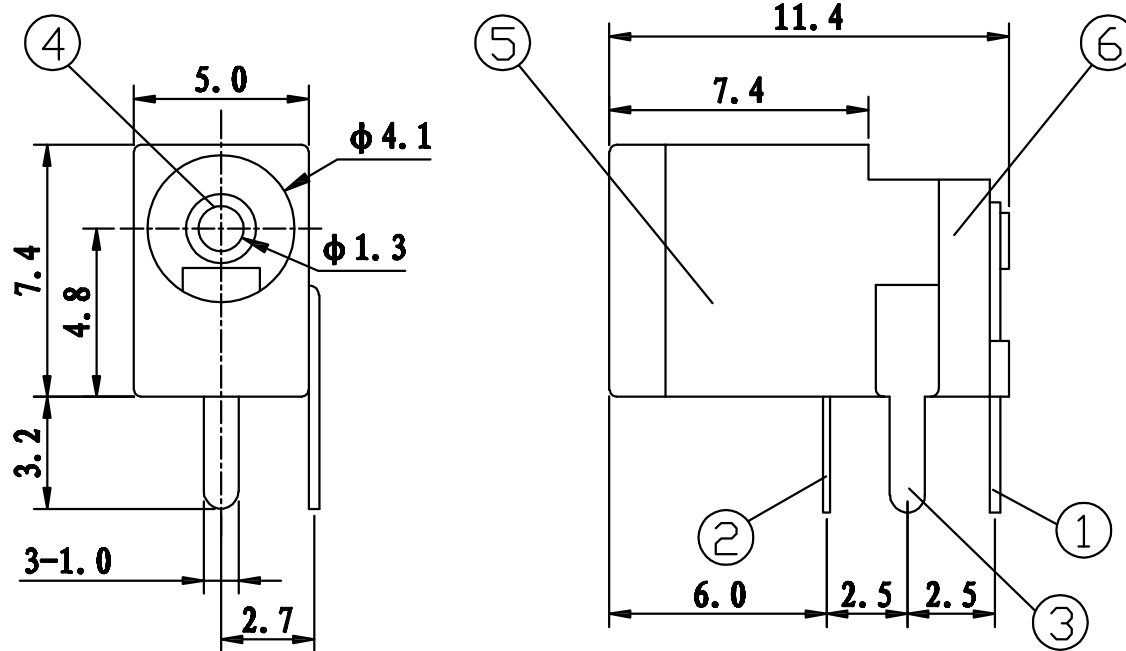
[Http://www.hlwconn.com](http://www.hlwconn.com)

目 录

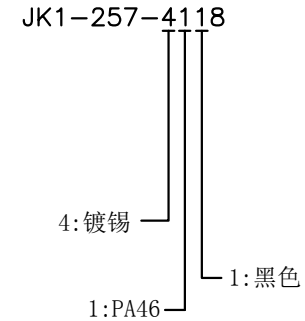
Contents

| | |
|-------------|-----------|
| 图纸..... | Page03 |
| 产品规格书..... | Page04-06 |
| 产品检测报告..... | Page07-08 |
| 尺寸测试报告..... | Page09 |
| 电镀报告..... | Page10-11 |
| 盐雾报告..... | Page12 |
| 材质证明..... | Page13-15 |
| SGS..... | Page16-53 |

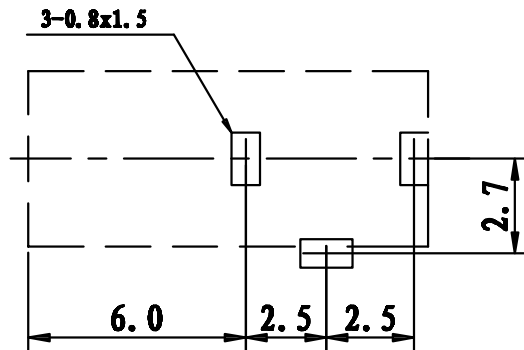
| | | |
|------|-------------|-------|
| REV. | ECN.NO. | APPD. |
| A | EXXXXXXXXXX | 陈建辉 |



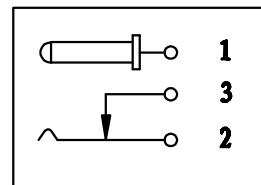
- 1.CURRENT RATING : 1.0 AMP. MAX.
- 2.DIELECTRIC WITHSTANDING : AC 500V/min R.M.S.
- 3.INSULATION RESISTANCE : 100M Ω min. AT 100V DC.
- 4.CONTACT RESISTANCE : 50m Ω MAX.
- 5.OPERATING TEMPERATURE : -25°C TO +85°C.
- 6.DURABILITY : 1500 CYCLES.
- 7.MATING FORCE : 3kgs MAX
- 8.UNMATING FORCE : 0.3~3.0kgs
- 9.MAX PROCESSING TEMPERATURE : 60 SECONDS IN 230°C AND 10 SECONDS IN 260°C



线路板安装尺寸示意图



电路结构示意图



| | | | | | |
|--------------------------------------|-----------|---------------------------|---|-----------------|--------------|
| TOLERANCE UNLESS OTHERWISE SPECIFIED | | FLW 深圳市华联威电子科技有限公司 | | | |
| .XXX ±0.10 | .XX ±0.20 | .X ±0.30 | HUA LIAN WEI TECHNOLOGY ELECTRONICS CO;LTD. | | |
| APPROVED | | PART NAME: | | DC-002 中心柱1.3全铁 | |
| CHECKED | | PART No: | | JK1-257-4118 | |
| DRAWN 陈建辉 | | PROJECTION: | | UNIT: | SCALE |
| DATE 2022.10.17 | | mm | | 1:1 | SHEET 1 OF 1 |
| | | REV. | | C | |
| | | REV. | | A | |

JACK系列產品SPEC

| TEST ITEM | | REQUIREMENT | PROCEDURE |
|-------------------------------|---------------------------------|---|---|
| 1 | Examination of Product | Meets requirements of product drawing. No physical damage. | Visual inspection. |
| 2 | Operating Temperature | -25°C to 85 °C | |
| 3 | Storage Temperature | -25°C to 85 °C | |
| ELECTRICAL REQUIREMENT | | | |
| 4 | Rating Voltage | 12VAC max | on any signal pin with respect to the shield |
| 5 | Rating Current | 1.0 A per contact | 55°C ,maximum ambient 85°C ,maximum temperature change (ANSI/EIA 364-70,TP-70) |
| 6 | Contact Resistance | [50] m Ohm Max | Subject mated contacts assembled in housing to 20mV Max open circuit at 100mA Max. EIA-364-23. |
| 7 | Dielectric withstanding Voltage | No flashover ,no creeping discharge, no breakdown | 500 VAC for 1 minute between adjacent terminals. EIA 364-20 |
| 8 | Insulation Resistance | [100] M Ohm Min. | Mated connector with a voltage of 500V DC for 1 minutes between adjacent terminals EIA 364-21 |
| 9 | Temperature Rising | 30°C Max. Under loaded rating current | Contact series-wired, apply test current of loaded rating current to the circuit, and measure the temperature rising by probing on soldered areas of contacts, after the temperature becomes stabilized deduct ambient temperature from the measured value. |
| Mechanical Requirement | | | |
| 10 | Connector Mating Force | <u>3.0 kgf Max</u> | Mating the connector with standard audio plug at a rate of 12.7 mm per minute EIA 364-13 |
| 11 | Connector Unmating Force | <u>0.30~3.0 kgf</u> | Unmating the connector with standard audio plug at a rate of 12.7 mm per minute EIA 364-13 |

| | | | |
|---|----------------------------------|---|--|
| 12 | Durability | Visual Inspection-No physical damage LLCR-50 mΩ max per contact initial,100 mΩ after 1500 insertions. | Insertion and extraction with plug up to 1500 cycles at a maximum rate of 200 cycles per hour. EIA 364-09 |
| 13 | Vibration | No discontinuity at 1 μ s or longer(each contact) when continuity is tested per ANSI/EIA-364-46 | ANSI/EIA-364-28,Condition III,Method 5A,15 minute/axis |
| 14 | Mechanical Shock | No discontinuity at 1 μ s or longer(each contact) when continuity is tested per ANSI/EIA-364-46 | ANSI/EIA-364-27 Condition A(specified pulse) |
| 15 | Solder ability | At least 95% of the immersed area shall be covered with new solder | 1)Temperature of fused solder: 260+5 °C. 2)Dipping time:5+0.5s EIA 364-52 |
| Environmental Requirements | | | |
| 16 | Resistance to Solder Heat | Forming resin shall not be distorted, and terminations shall not be separated. | 1) Depth of dipping termination: the distance between the mounting surface and solder surface shall be 1 mm to 2mm. 2)Temperature:245+5°C . 3) Dipping time:10+1s EIA 364-52 |
| 17 | Thermal Shock | No physical damage to the samples and LLCR-50 mΩ max per contact | Mated connectors exposed to 10 cycles between - 55°C to 85°C, 30 minutes duration at both temperature extremes EIA 364-28 |
| 18 | Steady State Humidity | No physical damage to the samples and can pass the Dielectric Withstanding Voltage & Insulation Resistance | Expose mated connectors to a temperature of 40±2°C with relative humidity of 90-95% for 168 hours Min(seven complete cycles). Remove surface moisture and air dry for 24 hours EIA 364-28 |
| 19 | Temperature Life (Heat Aging) | [100] M Ohm Min. (insulation reisistance) | ANSI/EIA-364-17 Condition 4 105°C for 250 hours,Method A,mated |
| 20 | Salt Spray | Visual Inspection-No physical damageLLCR-50 mΩ max per contact | Mated connector expose to 5% salt concentration for 12 hours at temperature 35+2°C .After the test specimens shall be washed with running water and dried |
| 21 | Colour | Colour Atla | 284C(Blue) 577C(Green) 701C(Red) |
| 22 | Plating | Contact: <u>Cu:40u" ,Sn:40u" ,Ni:40u"</u> Shell: <u>Cu:40u" ,Ni:40u"</u> Ground: <u>Cu:40u" ,Ni:40u" ,Sn:40u"</u> | / |
| Product Qualification and Requalification test | | | |
| Test Group | | | |

| Test or Examination | A | B | C | D | E | F | G | H | I | J |
|-------------------------|------------------------------|------|------|------|------|------|------|------|------|------|
| | Test Sequence (a) | | | | | | | | | |
| Examination of Product | 1, 7 | 1, 9 | 1, 6 | 1, 5 | 1, 5 | 1, 5 | 1, 5 | 1, 3 | 1, 3 | 1, 3 |
| Contact Resistance | | 2, 8 | 2, 5 | 2, 4 | 2, 4 | 2, 4 | 2, 4 | | | |
| Dielectric withstanding | 3, 6 | | | | | | | | | |
| Insulation Resistance | 2, 5 | | | | | | | | | |
| Temperature Rising | | | | | | | | 2 | | |
| Mating Force | | 3, 7 | | | | | | | | |
| Unmating Force | | 4, 6 | | | | | | | | |
| Durability | | 5 | | | | | | | | |
| Vibration | | | 3 | | | | | | | |
| Mechanical Shock | | | 4 | | | | | | | |
| Solderability | | | | | | | | | | 2 |
| Resistance to Soldering | | | | | | | | | 2 | |
| Thermal Shock | | | | 3 | | | | | | |
| Humidity Temperature | 4 | | | | 3 | | | | | |
| Temperature Life | | | | | | 3 | | | | |
| Salt Spray | | | | | | | 3 | | | |
| 備注 | 無客戶指定增加測試項目外，依照此標準進行產品可靠性評估。 | | | | | | | | | |

核准：唐竹君

制作人：魏红

| | | | | | | | | | | | |
|---|-----------------------------|---|---|-----------------------|------|------|------|------|------|---|--|
| 3 | Cold test | Temperature: -25 ±3°C Duration:168H | PROGRAM CONTROLLED TEMP. & HUMIDTY CHAMBER | No physical damage | Pass | Pass | Pass | Pass | Pass | P | |
| 4 | Temperature cycling test | Temperature:85 ~-25°C Duration:5 cycle | PROGRAM CONTROLLED TEMP. & HUMIDTY CHAMBER | No physical damage | Pass | Pass | Pass | Pass | Pass | P | |

四.物理測試 PHYSICAL TEST

| 序 號 NO. | 測試項目 Testing Item | 測試條件 Testing Conditions | 測試設備 Testing Equipment | 規格 SPEC | 測試記錄 Testing Result | | | | | 判定 Judge | |
|---------------|---|---|---|------------------------|---------------------|------|------|------|------|----------|------|
| | | | | | 1 | 2 | 3 | 4 | 5 | Pass | Fail |
| 1 | Salt spray test | Temperature: 35±2°C Concentration:5±1 %Duration:12H | SALT SPRAY TESTER | No Oxidation | Pass | Pass | Pass | Pass | Pass | P | |
| 2 | Resistance to soldering heat test | Temperature: 260±5°C Duration:10±1sec | OVEN | No physical damage | Pass | Pass | Pass | Pass | Pass | P | |
| 3 | Solder ability test | Temperature: 260±5°C Duration:5±0.5 sec | CONTROLLED CONSTANT-TEMP SOLDER POT | Soldering area ≥95□ | Pass | Pass | Pass | Pass | Pass | P | |
| 判定 Result | | <input checked="" type="checkbox"/> 合格 (ACCEPT) <input type="checkbox"/> 不合格 (REJECT) | | | | | | | | | |

核准(Approver): 欠必峰

測試(Tester): 但芬

电镀报告表

| 品名: DC-002中心柱1.3全铁(端子) | | 版次:A.0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|--|---------------|--------|----|------------|----------|----|------|------|---|---------|--------|----|------------|----------|---|---------|--------|----|------------|----------|---|---------|--------|----|------------|----------|---|---------|--------|----|------------|----------|
| 电镀规格:Ni30u", Sn 30u" MIN | 日期:2022-11-22 | 页次:1/1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 厂商:同华 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 测试设备:CMI X-射线膜厚测试仪 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1、底层电镀测试(Ni) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <table border="1"><thead><tr><th>数据</th><th>测试标准</th><th>实测值</th><th>判定</th><th>测试日期</th><th>测试时间</th></tr></thead><tbody><tr><td>1</td><td>30u"MIN</td><td>33.7u"</td><td>OK</td><td>2022/11/22</td><td>13:55:12</td></tr><tr><td>2</td><td>30u"MIN</td><td>35.3u"</td><td>OK</td><td>2022/11/22</td><td>13:55:14</td></tr><tr><td>3</td><td>30u"MIN</td><td>36.5u"</td><td>OK</td><td>2022/11/22</td><td>13:55:16</td></tr><tr><td>4</td><td>30u"MIN</td><td>34.6u"</td><td>OK</td><td>2022/11/22</td><td>13:55:18</td></tr></tbody></table> | | | 数据 | 测试标准 | 实测值 | 判定 | 测试日期 | 测试时间 | 1 | 30u"MIN | 33.7u" | OK | 2022/11/22 | 13:55:12 | 2 | 30u"MIN | 35.3u" | OK | 2022/11/22 | 13:55:14 | 3 | 30u"MIN | 36.5u" | OK | 2022/11/22 | 13:55:16 | 4 | 30u"MIN | 34.6u" | OK | 2022/11/22 | 13:55:18 |
| 数据 | 测试标准 | 实测值 | 判定 | 测试日期 | 测试时间 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1 | 30u"MIN | 33.7u" | OK | 2022/11/22 | 13:55:12 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2 | 30u"MIN | 35.3u" | OK | 2022/11/22 | 13:55:14 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 3 | 30u"MIN | 36.5u" | OK | 2022/11/22 | 13:55:16 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 4 | 30u"MIN | 34.6u" | OK | 2022/11/22 | 13:55:18 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2、表层电镀测试(Sn) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <table border="1"><thead><tr><th>数据</th><th>测试标准</th><th>实测值</th><th>判定</th><th>测试日期</th><th>测试时间</th></tr></thead><tbody><tr><td>1</td><td>30u"MIN</td><td>85.5u"</td><td>OK</td><td>2022/11/22</td><td>14:10:23</td></tr><tr><td>2</td><td>30u"MIN</td><td>92.1u"</td><td>OK</td><td>2022/11/22</td><td>14:10:25</td></tr><tr><td>3</td><td>30u"MIN</td><td>83.2u"</td><td>OK</td><td>2022/11/22</td><td>14:10:27</td></tr><tr><td>4</td><td>30u"MIN</td><td>90.1u"</td><td>OK</td><td>2022/11/22</td><td>14:10:29</td></tr></tbody></table> | | | 数据 | 测试标准 | 实测值 | 判定 | 测试日期 | 测试时间 | 1 | 30u"MIN | 85.5u" | OK | 2022/11/22 | 14:10:23 | 2 | 30u"MIN | 92.1u" | OK | 2022/11/22 | 14:10:25 | 3 | 30u"MIN | 83.2u" | OK | 2022/11/22 | 14:10:27 | 4 | 30u"MIN | 90.1u" | OK | 2022/11/22 | 14:10:29 |
| 数据 | 测试标准 | 实测值 | 判定 | 测试日期 | 测试时间 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1 | 30u"MIN | 85.5u" | OK | 2022/11/22 | 14:10:23 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2 | 30u"MIN | 92.1u" | OK | 2022/11/22 | 14:10:25 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 3 | 30u"MIN | 83.2u" | OK | 2022/11/22 | 14:10:27 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 4 | 30u"MIN | 90.1u" | OK | 2022/11/22 | 14:10:29 | | | | | | | | | | | | | | | | | | | | | | | | | | | |

核准: 欠必锋

审核: 李娟

检验员: 但芬

电镀报告表

| 品名: DC-002中心柱1.3全铁(外壳) | | 版次:A.0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|--|---------------|--------|----|------------|----------|----|------|------|---|---------|--------|----|------------|----------|---|---------|--------|----|------------|----------|---|---------|--------|----|------------|----------|---|---------|--------|----|------------|----------|
| 电镀规格:Cu:40u"Sn:50u" | 日期:2022-11-20 | 页次:1/1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 厂商:同华 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 测试设备:CMI X-射线膜厚测试仪 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1、表层电镀测试(Sn) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <table border="1"><thead><tr><th>数据</th><th>测试标准</th><th>实测值</th><th>判定</th><th>测试日期</th><th>测试时间</th></tr></thead><tbody><tr><td>1</td><td>50u"min</td><td>55.2u"</td><td>OK</td><td>2022/11/20</td><td>11:35:05</td></tr><tr><td>2</td><td>50u"min</td><td>61.3u"</td><td>OK</td><td>2022/11/20</td><td>11:35:07</td></tr><tr><td>3</td><td>50u"min</td><td>53.6u"</td><td>OK</td><td>2022/11/20</td><td>11:35:09</td></tr><tr><td>4</td><td>50u"min</td><td>64.8u"</td><td>OK</td><td>2022/11/20</td><td>11:35:11</td></tr></tbody></table> | | | 数据 | 测试标准 | 实测值 | 判定 | 测试日期 | 测试时间 | 1 | 50u"min | 55.2u" | OK | 2022/11/20 | 11:35:05 | 2 | 50u"min | 61.3u" | OK | 2022/11/20 | 11:35:07 | 3 | 50u"min | 53.6u" | OK | 2022/11/20 | 11:35:09 | 4 | 50u"min | 64.8u" | OK | 2022/11/20 | 11:35:11 |
| 数据 | 测试标准 | 实测值 | 判定 | 测试日期 | 测试时间 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1 | 50u"min | 55.2u" | OK | 2022/11/20 | 11:35:05 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2 | 50u"min | 61.3u" | OK | 2022/11/20 | 11:35:07 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 3 | 50u"min | 53.6u" | OK | 2022/11/20 | 11:35:09 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 4 | 50u"min | 64.8u" | OK | 2022/11/20 | 11:35:11 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2、底层电镀测试(Cu) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <table border="1"><thead><tr><th>数据</th><th>测试标准</th><th>实测值</th><th>判定</th><th>测试日期</th><th>测试时间</th></tr></thead><tbody><tr><td>1</td><td>40u"min</td><td>55.5u"</td><td>OK</td><td>2022/11/20</td><td>11:40:22</td></tr><tr><td>2</td><td>40u"min</td><td>52.3u"</td><td>OK</td><td>2022/11/20</td><td>11:40:24</td></tr><tr><td>3</td><td>40u"min</td><td>60.7u"</td><td>OK</td><td>2022/11/20</td><td>11:40:26</td></tr><tr><td>4</td><td>40u"min</td><td>58.1u"</td><td>OK</td><td>2022/11/20</td><td>11:40:28</td></tr></tbody></table> | | | 数据 | 测试标准 | 实测值 | 判定 | 测试日期 | 测试时间 | 1 | 40u"min | 55.5u" | OK | 2022/11/20 | 11:40:22 | 2 | 40u"min | 52.3u" | OK | 2022/11/20 | 11:40:24 | 3 | 40u"min | 60.7u" | OK | 2022/11/20 | 11:40:26 | 4 | 40u"min | 58.1u" | OK | 2022/11/20 | 11:40:28 |
| 数据 | 测试标准 | 实测值 | 判定 | 测试日期 | 测试时间 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1 | 40u"min | 55.5u" | OK | 2022/11/20 | 11:40:22 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2 | 40u"min | 52.3u" | OK | 2022/11/20 | 11:40:24 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 3 | 40u"min | 60.7u" | OK | 2022/11/20 | 11:40:26 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 4 | 40u"min | 58.1u" | OK | 2022/11/20 | 11:40:28 | | | | | | | | | | | | | | | | | | | | | | | | | | | |

核准: 欠必锋

审核: 李娟

检验员: 但芬



深圳市华联威电子科技有限公司

盐水喷雾实验报告

| | | | |
|--------|----------------------------------|--------|----------------------|
| 试验方法 | 盐水喷雾腐蚀试验法 | 参考资料 | MIL-STD-1345 |
| METHOD | NEUTRL SALT SPRAY CORROSION TEST | REF | |
| 客户 | | 试验起始日期 | 2022年12月27日 20:00 时起 |
| | | DATE | 2022年12月28日 08:00 时止 |
| 样品名称 | DC-002中心柱1.3全铁 | 试验数量 | 5PCS |
| P/N | JK1-257-4118 | QTY | |

试验条件 (TEST CONDITION)

- 1、盐水溶解 (SALT SOLUTION: 浓度 $50 \pm 10\text{g/L}$, PH值6.5-7.2).
- 2、试验室温度 (TEMP. IT THE SPRAY DHAMBR): $35 \pm 1^\circ\text{C}$.
- 3、盐水桶温度 (TEMP. OF SALE SOL' N TANK): $35 \pm 1^\circ\text{C}$.
- 4、压力桶温度 (TEMP. OF SAR SUPPLIERY): $47 \pm 1^\circ\text{C}$.
- 5、试验室相对湿度 (R. H IN THE CHAMBER) 85%.
- 6、压缩空气压力 (COMPRESSED AIR PRESSURE): $1.00 \pm 0.01\text{Kg/cm}^2$.
- 7、样品放置位置 (SPECIMEN SUPPORTED ANGLE): 尼龙绳吊挂 $70^\circ - 90^\circ$.
- 8、喷雾收集量 (COLLECT RATE OF SALT SOL' N) $1-2\text{mL}/(8 \text{ cm}^2\text{hr})$.
- 9、盐雾测试时间: 12小时 (H)

判定方法 (ADFUSGD METHOD)

试验后以20倍放大镜观察、无蓝、绿色腐蚀物之现象 (不包含折弯处), 即判定合格. (Inspext the ecimen at 20 xmagnification no blue or green corrosion products are acceptable)

| 样品序号 | 试验后现象 | 判定 |
|------|-----------------------|---------|
| | PHENOMENON AFTER TEST | COMMENT |
| 1 | 无蓝、绿色腐蚀物之现象 | OK |
| 2 | 无蓝、绿色腐蚀物之现象 | OK |
| 3 | 无蓝、绿色腐蚀物之现象 | OK |
| 4 | 无蓝、绿色腐蚀物之现象 | OK |
| 5 | 无蓝、绿色腐蚀物之现象 | OK |
| | | |

核准: 欠必锋

审核: 李娟

试验员: 但芬

鉅鼎銅材廠檢驗報告單

| | | | | | | | | | | |
|------------------------------|--------------------------|----------------------|--------------------------------|------------------------|-----------------------------------|-----------------------------|--------------------------------------|-----------------------|------|----|
| 公司名稱 Customer | 鉅鼎銅材廠檢驗報告單 | | | | 重量 Weight(kg) | 1078 | 出貨日期 Date | 2021/11/23 | | |
| 品名 Article | 標準 Standard No | | | | 尺寸 Dimension | | 狀態 Tenper | 銅卷編號 Coil No | | |
| C2680 | JISH3100:2017 | | | | 0.18*400 | | EH | 1021-C-08 | | |
| 化學成分Chemical Compositions(%) | | | | | | | | | | |
| 元素 Element | Cu % | Zn% | Pb% | Fe% | \ | \ | \ | \ | 化學成分 | 雜質 |
| 規範 Spec | 64.0-68.0 | 餘量 | <0.05 | <0.05 | \ | \ | \ | \ | 合格 | 合格 |
| 實測 Actual | 64.32 | 餘量 | 0.0036 | 0.0136 | \ | \ | \ | \ | 合格 | 合格 |
| 機械性質Mechanical Properties | | | | | | | | | | |
| 項目 Item | 結晶粒度 Grain Size Mm | 硬度 Hardness Hv | 抗拉強度 TensionStrength Mpa | 伸長度 Elongation % | 導電率 Electrical Conduc %IACS | 彎曲試驗 Bending Test 180 | 表面粗度 Surface Roughness Ra(u m) | 彎曲度 Camber mm/n | | |
| 規範MAX Spec | \ | 170-190 | 490-610 | \ | \ | \ | \ | \ | | |
| 實測 Actual | \ | 178 | 574 | 5 | \ | \ | \ | \ | | |

品質部



材质证明

Material identification

厂商 Customer: 东莞市三鑫塑胶原料有限公司

名称 Material name: 聚己二酰丁二胺

规格 Specifications: PA46 黑色 防火 V0

说明 Description: 材料包含 PA46 纯树脂+波纤及少量添加剂。

物料成份表

Chemical composition of

| 规格 Grade | | PA46 BK V0 | |
|----------------------------|---------|--------------------------|-----------------------|
| 组成 Chemical composition | | 分子式 Molecular formula | 含量 (%) Content (%) |
| 1 | PA46 树脂 | 聚己二酰丁二胺 | ≧69.69% |
| 2 | 波纤 | SiO ₂ | 30% |
| 3 | 添加剂 | N.A. | ≦0.31 |

佛山市顺德区天硕贸易有限公司

Foshan Shunde Tianshuo Trade Company Limited

日期: 2021-10-19

编号: FB2110136

| 收货单位PURCHASER: _____ | | | | 产品名称: _____ SPCC-SD | | | | | | | | | | | |
|-------------------------------|-----------------|---------------------------------|--------------------|--------------------------|--------|---------|---------|--------|--------|---------|---------------------------|--------------|----------------|------------|------------|
| 检验标准SPECIFICATION: JIS G 3141 | | | | 检验情况: _____ 合格 | | | | | | | | | | | |
| 产品规格 SPECIFICATION MM | 钢卷号 COIL. NO | 材质牌号 SYMBOL OF QUALITY | 净重 WEIGHT KG | 化学成份CHEMICAL COMPOSITION | | | | | | | 力学性能MECHANICAL PROPERTIES | | | | |
| | | | | Fe % | C % | Mn % | Si % | P % | S % | AI % | 抗拉强度T.S Mpa | 延伸率EL (%) | 屈服强度Y.S Mpa | 杯突 (mm) | 硬度 (HV) |
| 0.30x1250 | DL45657 | SPCC-SD | 7835 | 99 | 0.031 | 0.17 | 0.07 | 0.22 | 0.24 | | 361 | 29 | 259 | | 143 |
| 0.30x1250 | DL45658 | SPCC-SD | 7690 | 99 | 0.032 | 0.16 | 0.07 | 0.21 | 0.22 | | 362 | 30 | 256 | | 141 |
| | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | |

质量控制中心:

审核: 谢和钢

制表人: 胡万银

