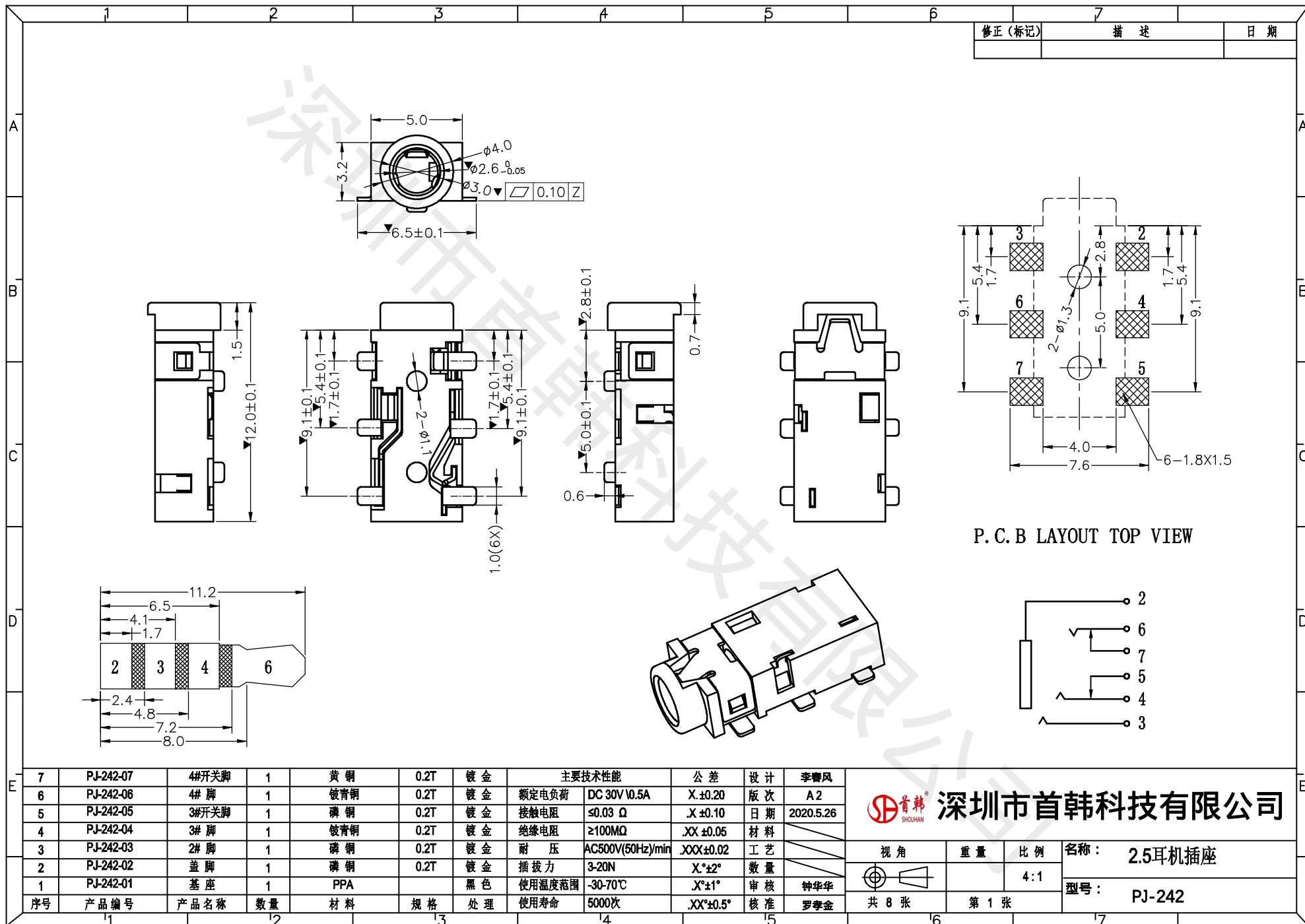






深圳市首韩科技有限公司

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## 承 认 书

### SPECIFICATION FOR APPROVAL

产 品 编 码

Material code:

产品名称 Project:

耳机座

规格型号 Part No:

PJ-242

贵公司承认印 Approval signatures

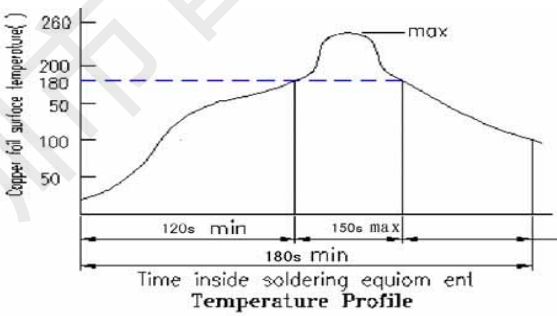
| 料 号/Part No. | 签 章/Signatures |
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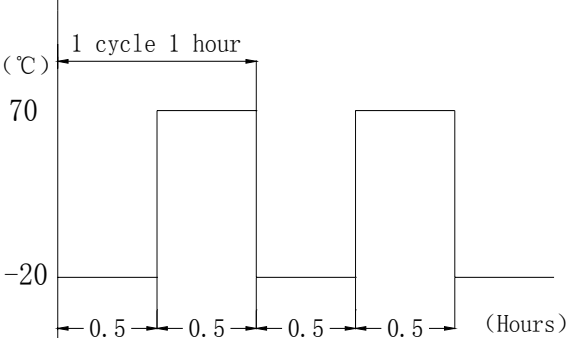
日期 Date:

|             |     |                                                                                      |
|-------------|-----|--------------------------------------------------------------------------------------|
| 拟制/Drawn    | 李春风 |  |
| 审核/Check    | 钟华华 |                                                                                      |
| 批准/Approved | 罗孝金 |                                                                                      |



|                                                    |                                    |                                                                                                                                                                                                                                                                                                                                                                              |                                                                                                                                                                                           |
|----------------------------------------------------|------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| DESCRIPTION<br>名称: PHONE JACK<br>MODEL NO.: PJ-242 |                                    |                                                                                                                                                                                                                                                                                                                                                                              |                                                                                                                                                                                           |
| RATING (额定值):     DC   30V   0.5 A                 |                                    |                                                                                                                                                                                                                                                                                                                                                                              |                                                                                                                                                                                           |
| PRACTICAL<br>TEMPERATUR<br>E RANGE<br>使用温度范围       |                                    | -30~70° C<br>在-30° C~+70° C 温度内使用                                                                                                                                                                                                                                                                                                                                            |                                                                                                                                                                                           |
| STANDARD<br>ATMOSPHEIC<br>CONDITIONS<br>测试标准状况     |                                    | UNLESS OTHERWISE SPECIFIED<br>THE STANDARD RANGE OF ATMOSPHERIC<br>CONDITIONS FOR MAKING MEASUREMENTS<br>AND TESTS ARE AS FOLLOWS:<br>(1) BETWEEN BODY AND CONDUCTOR: 5° C   TO   35° C<br>(2) BETWEEN CONDUCTORS NOT TO BE CONTACT: 45% TO 85%<br>(3) PRESSURE: 86Kpa TO 106Kpa<br>在没有指定的情况下测试温度、湿度、气压如下:<br>(1) 温度为 5° C~35° C<br>(2) 湿度为 45%~85%<br>(3) 气压为 86 Kpa~106Kpa |                                                                                                                                                                                           |
| MECHANICAL (机械性能)                                  |                                    |                                                                                                                                                                                                                                                                                                                                                                              |                                                                                                                                                                                           |
| ITEM 项目                                            |                                    | TEST CONDITIONS 测试条件                                                                                                                                                                                                                                                                                                                                                         | PERFORMANCE 规格                                                                                                                                                                            |
| 1                                                  | CONNECTION<br>FORCE<br>插入力度        | MEASUREMENT SHALL BE MADE AFTER CONNECTING AND<br>DISCONNECTING USING STANDARD PLUG GAUGE 3 TIMES。<br>依据标准的 PLUG GAUGE 做第 3 次拔插后测定                                                                                                                                                                                                                                           | 3 ~ 20N                                                                                                                                                                                   |
|                                                    | DISCONNECTI<br>ON<br>FORCE<br>拔出力度 | MEASUREMENT SHALL BE MADE AFTER CONNECTING AND<br>DISCONNECTING USING STANDARD PLUG GAUGE 3 TIMES。<br>依据标准的 PLUG GAUGE 做第 3 次拔插后测定                                                                                                                                                                                                                                           | 3 ~ 20N                                                                                                                                                                                   |
| 2                                                  | TERMINAL<br>STRENGTH<br>端子强度       | A STATIC LOAD OF 0.1N/m(1kgf/cm)SHALL BE APPLIED TO THE<br>TIP OF THE TERMINAL FOR 1 MIN<br>IN ANY DIRECTION<br>向排脚先端的任意一个方向加 1 分钟 0.1N/m(1kgf/cm)的力度.                                                                                                                                                                                                                       | THERE SHALL BE NO DAMAGE<br>TO THE TERMINAL SUCH AS<br>CRACKS, LOOSENESS OR PLAY<br>ELECTRICAL ,AND MECHANICAL<br>CHARACTERISTICS SHALL BE<br>SATISFIED<br>在排脚中没有裂开、松动等异常, 满足<br>于机械、电气性能 |
| ELECTRICAL (电气性能)                                  |                                    |                                                                                                                                                                                                                                                                                                                                                                              |                                                                                                                                                                                           |
| ITEM 项目                                            |                                    | TEST CONDITIONS 测试条件                                                                                                                                                                                                                                                                                                                                                         | PERFORMANCE 规格                                                                                                                                                                            |
| 3.1                                                | CONTACT<br>RESISTANCE<br>接触电阻      | MEASURED AT SMALL CURRENT (100m A OR LESS)<br>1000Hz<br>在微小电流 (100 m A) 以下测试                                                                                                                                                                                                                                                                                                 | ≤30m Ω                                                                                                                                                                                    |
| 3.2                                                | INSULATION<br>RESISTANCE<br>绝缘电阻   | APPLY A VOLTAGE OF 500V DC FOR 1 MIN<br>TO FOLLOWING PORTIONS AFTER WHICH<br>MEASUREMENT<br>SHALL BE MADE:<br>(1) BETWEEN BODY AND CONDUCTOR<br>(2) BETWEEN CONDUCTORS NOT TO BE CONTACT<br>(3) BETWEEN CONDUCTORS NOT TO BE WHEN PLUG IS<br>INSERTED DC 500V 1 MIN<br>输入 500V DC 电压 1 分钟, 按以下接触方法测试:<br>(1) 插座体与排脚之间<br>(2) 不接触的排脚之间<br>(3) 插头插入时不接触排脚之间                    | ≥100M Ω                                                                                                                                                                                   |

|                 |                                            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                                                                                                                                               |
|-----------------|--------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------|
| 3.3             | DIELECTRIC STRENGTH<br>耐电压                 | <p>AC 500V ims(50~60Hz)FOR 1 MIN TRIP CURRENT:0.5mA</p> <p>(1) BETWEEN BODY AND CONDUCTOR</p> <p>(2) BETWEEN CONDUCTORS NOT TO BE CONTACT</p> <p>(3) BETWEEN CONDUCTORS NOT TO BE WHEN PLUG</p> <p>输入 AC 500V (50Hz) /min 电压 1 分钟感度电流为 0.5mA, 按以下接触方法测试:</p> <p>(1) 插座体与排脚之间</p> <p>(2) 不接触的排脚之间</p> <p>(3) 插头插入时不接触排脚之间</p>                                                                                                                                                                                                                                                                                       | <p>WITHOUT DAMAGE TO PARTS ARCING OR BREAKDOWN ETC</p> <p>没有绝缘破坏等异常</p>                                                                       |
| URABILITY (耐久性) |                                            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                                                                                                                                               |
| ITEM 项目         |                                            | TEST CONDITIONS 测试条件                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | PERFORMANCE 规格                                                                                                                                |
| 4. 1            | SOLDERABILITY TEST<br>可焊性试验                | <p>THE TOP OF THE TERMINALS SHALL BE DIPPED 1mm IN THE SOLDER BATH OF <math>240 \pm 5^{\circ}\text{C}</math> FOR <math>3 \pm 0.5</math> SECONDS</p> <p>端子顶部被浸入锡池中 1mm 深,温度为 <math>240 \pm 5^{\circ}\text{C}</math>,时间为 <math>3 \pm 0.5</math> 秒</p>                                                                                                                                                                                                                                                                                                                                                                | <p>(1) SOLDER WETTING TIME SHALL BE 3 SEC OR LESS<br/>焊接时间应少于 3 秒</p> <p>(2) THE AREA OF SOLDERING SHOULD BE OVER 75%<br/>焊接面积应有 75%以上</p>    |
| 4.2             | RESISTANCE TO SOLDERING HEAT TEST<br>耐焊性试验 | <p>REFLOW SOLDERING CONDITIONS:</p> <p>PREHEAT:TEMPERATURE ON THE COPPER FOIL SURFACE SHOULD REACH <math>180 \pm 120\text{S}</math> AFTER THE P.C.B ENTERED INTO THE SOLDERING EQUIPMENT.</p> <p>HIGHEST TEMPERATURE:TEMPERATURE ON THE COPPER FOIL SURFACE SHOULD REACH THE PEAK TEMPERATURE OF <math>260 \pm 5</math> WITH IN 20 SECONDS.</p> <p>过回流焊条件: 预热:电镀层表面的温度应达到<math>180^{\circ}\text{C}</math>, 120s 后电路板进入回流焊设备。最高温度:电镀层表面温度最高为 <math>260 \pm 5^{\circ}\text{C}</math> 且 停留不超过 20秒。</p>  <p>Temperature Profile</p> | <p>WITHOUT DEFORMATION OF CASE OR EXCESSIVE LOOSENESS OF TERMINALS ELECTRICAL CHARACTERISTICS SHALL BE SATISFIED</p> <p>本体无变形, 满足于机械、电气性能</p> |
| 4. 2            | RESISTANCE TO SOLDERING HEAT TEST<br>耐焊性试验 | <p>SOLDERING IRON METHOD:</p> <p>BIT TEMPERATURE <math>330 \pm 5^{\circ}\text{C}</math> APPLICATION TIME OF SOLDERING IRON <math>3 \pm 0.5</math> SEC</p> <p>HOWEVER EXCESSIVE PRESSURE SHALL NOT BE APPLIED TO THE TERMINAL</p> <p>手焊接的时候温度需控制在 <math>330 \pm 5^{\circ}\text{C}</math> , 时间为 <math>3 \pm 0.5</math> 秒, 但不能在排脚上施加异常压力。</p>                                                                                                                                                                                                                                                                         | <p>WITHOUT DEFORMATION OF CASE OR EXCESSIVE LOOSENESS OF TERMINALS ELECTRICAL CHARACTERISTICS SHALL BE SATISFIED</p> <p>本体无变形, 满足于机械、电气性能</p> |

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| 4.3 | HUMIDITY TEST<br>潮湿试验          | <p>THE JACK SHALL BE STORED AT A TEMPERATURE OF <math>40 \pm 2^{\circ}\text{C}</math> AND A HUMIDITY OF 90% TO 96% FOR 96 Hr, THEN THE JACK SHALL BE MAINTAINED AT STANDARD ATMOSPHERIC CONDITION FOR 1 Hr FOR OTHER PROCEDURES</p> <p>放置 <math>40 \pm 2^{\circ}\text{C}</math> 的相应湿度为 90~96% Hr 环境中 96 小时后, 再将样板放在正常环境中 1 小时后进行测试</p>                 | <p>THERE SHALL BE NO DAMAGE ON APPEARANCE.</p> <p>MECHANICAL AND ELECTRICAL CHARACTERISTICS SHALL BE SATISFIED</p> <p>外观无异常, 满足于机械、电气性能。</p>                                                                                                                                                                                                                                                                                                                                                     |
| 4.4 | HEAT TEST<br>耐热试验              | <p>THE JACK SHALL BE STORED AT A TEMPERATURE OF <math>70 \pm 2^{\circ}\text{C}</math> FOR 96 HOURS, AND THEN IT SHALL BE SUBJECTED TO THE CONTROLLED RECOVERY MBASURBM</p> <p>放置在温度 <math>70 \pm 2^{\circ}\text{C}</math> 中测试 96 小时后, 再放置正常室温中 1 小时来测定</p>                                                                                             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| 4.5 | COLD TEST<br>耐寒试验              | <p>THE JACK SHALL BE STORED AT A TEMPERATURE OF <math>-25 \pm 3^{\circ}\text{C}</math> FOR 96 HOURS AND THEN IT SHALL BE SUBJECTED TO THE CONTROLLED RECOVERY CONDITIONS FOR 1 HOUR AFTER WHICH</p> <p>放置在温度 <math>-25 \pm 3^{\circ}\text{C}</math> 中 96 小时后, 再放置常温常湿中 1 小时来测定</p>                                                                     | <p>THERE SHALL BE NO DAMAGE ON APPEARANCE</p> <p>MECHANICAL AND ELECTRICAL CHARACTERISTICS SHALL BE SATISFIED</p> <p>外观无异常, 满足于机械、电气性能</p>                                                                                                                                                                                                                                                                                                                                                       |
| 4.6 | LIFE TEST<br>寿命试验              | <p>AT RATING CONDITION (NON-INDUCTIVE LOAD) CONNECTION AND DISCONNECTION SHALL BE MADE 5000 CYCLES AT A SPEED 10 TO 20 CYCLES / MIN</p> <p>以定格状态(无诱导负荷)在 1 分钟内以 10~20 次的速度进行 5000 次插入、拔出</p>                                                                                                                                                           | <p>1. CONTACT RESISTANCE SHALL BE <math>\leq 0.1 \Omega</math></p> <p>2. DISCONNECTION FORCE SHALL BE 3 TO 20N</p> <p>3. MECHANICAL AND ELECTRICAL CHARACTERISTICS SHALL BE SATISFIED</p> <p>(1) 接触电阻 <math>\leq 0.1 \Omega</math></p> <p>(2) 拔出力是 3~20N</p> <p>(3) 其它: 满足于机械、电气性能</p>                                                                                                                                                                                                           |
| 4.7 | COLD&HEAT SHOCK TEST<br>冷热冲击测试 | <p>THE JACK SHALL BE SUBJECTED TO 5 CYCLES OF THE FOLLOWING CONDITIONS SHOWN IN THE FIGURE, AND THEN SHALL RETURNED AND ALLOWED TO REMAIN IN ROOM AMBIENT CONDITION FOR 30 MINUTES</p> <p>将插座以下列条件作 5 个循环, 然后放回室内环境 30 分钟 TEMP (<math>^{\circ}\text{C}</math>)</p>  | <p>THERE SHALL BE NO DEFORMATION OR CRACKS IN MOLDED PART.</p> <p>INSERTION &amp; EXTRACTION FORCE: 3 TO 20N</p> <p>CONTACT RESISTANCE: MAX. <math>30 \text{ m}\Omega</math></p> <p>INSULATION RESISTANCE: MIN. <math>100 \text{ M}\Omega</math></p> <p>DIELECTRIC WITHSTANDING VOLTAGE: 500VAC/MIN (BETWEEN TERMINALS)</p> <p>产品不能变形与破裂</p> <p>插拔力: 3N 至 20N</p> <p>接触电阻: 最大 <math>30 \text{ m}\Omega</math></p> <p>绝缘电阻: 最小 <math>100 \text{ M}\Omega</math></p> <p>绝缘耐压: 最小 500VAC (端子之间)</p> |