

J&B东莞市骏佳电子科技有限公司
JunJia Electronics Technology Co.,Ltd
 产品规格书 (Specification)

1. SCOPE [适用范围]

This specification covers the PAR product series.
 本规范适用于PAR系列产品

2. Part name & part number 【部件名称 & 部件编号】

Part name [部件名称]	Part number [部件编号]
2.54 PIN HEADER	PAR

3. RATINGS [标准额定值]

Item [项目]	Standard [规格]	
Rated voltage [额定电压]	250V	AC/DC
Rated current [额定电流]	3A	
Operating temperature [使用温度范围]	- 40°C To + 105°C	

4. TEST CONDITION [测试条件]

The test and measurement, unless otherwise specified, shall be carryout at a temperature of 15 to 35°C, Relative humidity of 25 to 85%, and atmospheris pressure of 86 to 106kPa. However, when any doubt arises on the judgment value under it, the test and measurement shall be carryout at a temperature of 20±2°C, relative humidity of 60 to 70%, and atmospheric pressure of 86 to 106kPa.

[除非特别说明之外, 一般测试及测量将于温度15~35°C, 相对湿度25~85%, 大气压力86~106kPa之条件下完成, 但若于上述条件下有任何影响判定值的疑虑, 可考虑在温度20±2°C, 相对湿度60~70%及大气压力86~106kPa之条件下完成试验。]

5. Appearance [外观]

By looking, there shall not be any abnormality such as deformity, exfoliation of plating, etc, which can reduce performance. No defect shuch as cracks scratches or blemishes.

[经目视观察, 外观不可有变形, 电镀脱落等会降低其功能的异常现象, 也不可有严重破裂、刮伤或污损之缺点。]

6. ELECTRICAL EFFICIENCY [电气特性]

NO. [编号]	Item [项目]	Test Method [试验方法]	Requirement [性能要
6.1	Contact Resistance [接触电阻]	EIA-364-23C Subject mated contacts assembled in housing to closed circuit current of 100 mA maximum at open circuit at 20 mV maximum. 在开路电压最大为20mV的状态下, 对组装好的端子进行最大电流为100mA的回路测试。	1. Initial value, 20m max. 初始值最大20mΩ 2. Final value, 30m max. 结束值最大30mΩ
6.2	Insulation Resistance [绝缘电阻]	EIA-364-21C Mate connectors, apply 500V DC for 1 minute between adjacent terminal or ground. [在插入连接器相邻接触件之间施加500V DC 电压持续1分钟]	1000MΩ Min.

NO. [编号]	Item [项目]	Test Method [试验方法]	Requirement [性能要求]
6.3	Withstanding Voltage [耐电压]	EIA-364-20 Test again after wire up 2 mins, Mate connectors, apply 500v AC Between adjacent terminal or ground. [在各相邻接触件间施加500V]	No insulation breakdown [塑胶无爆裂]

7. ENVIRONMENTAL EFFICIENCY [环境特性]

NO. [编号]	Item [项目]	Test Method [试验方法]	Requirement [性能要求]
7.1	Heat Resistance [耐热试验]	EIA-364-17 Mated connector shall be placed in an environmental for 96 hours at + 85±2 °C. [将插合的连接器放在温度为 + 85±2 °C的环境中96小时]	1. No evidence of damage. 无损坏 2. The electrical performances meet the spec. specified in paragraph 6.1 电气性能符合表格6.1要求。
7.2	Cold Resistance [耐冷试验]	EIA-364-59C mated connector shall be placed in an environmental for 48 hours at - 25±3 °C. [将插合的连接器放在温度为 - 25±3 °C的环境中48小时]	1. No evidence of damage. 无损坏 2. The electrical performances meet the spec. specified in paragraph 6.1 电气性能符合表格6.1要求。
7.3	Humidity [耐湿性试验]	EIA-364-31 Mate connectors, 40±2°C in temperature and 90~95%RH in an environmental for 96 hours. After testing connector shall be left alone for 1 to 2 hours in a room ambient. [将插合的连接器, 温度40±2°C, 相对湿度90~96%的环境中, 持续96小时。试验后, 连接器须于室温中放置1~2小时, 再测定	1. No evidence of damage. 无损坏 2. The electrical performances meet the spec. specified in paragraph 6 电气性能符合表格 6 要求。
7.4	Temperature Cycling [温度循环]	EIA-364-30 low temperature: -40±3°C high temperature: 105±3°C After 5 cycles at the normal environment for testing after 2 hours [低温: - 40°C ±3°C] [高温: 105°C ±3°C] [5此循环后放置在正常环境中恢复2小时后进行测试]	1. No evidence of damage. 无损坏 2. The electrical performances meet the spec. specified in paragraph 6.1 电气性能符合表格6.1要求。
7.5	Salt spray [盐雾测试]	EIA-364-26 Salt concentration: 5% /Temperature: 35±2°C Testing time: 8 hours, After salt is removed by running water and a drop is removed, it is measured. [盐水比重: 5% / 温度35±2°C] [试验时间: 8小时, 试验结束后用清水将残留盐份清洗并将水滴清楚后, 才可测量	1. No evidence of damage. 无损坏 2. The electrical performances meet the spec. specified in paragraph 6.1 电气性能符合表格6.1要求。

NO. [编号]	Item [项目]	Test Method [试验方法]	Requirement [性能要求]
7.6	Solderability [可焊性测试]	EIA-364-52 Soldering Time: 3~5 S Solder Temperature: 245±5°C [焊锡时间: 3~5秒] [焊锡温度: 245±5°C]	95% min. of solder area [焊锡面积≥95%]
7.7	Resistance to soldering heat [耐焊性]	EIA-364-71 Soldering Time: 5~10 S Solder Temperature: 260±5°C [焊锡时间: 5~10秒] [焊锡温度: 260±5°C]	Without deformation of case or excessive lossen. [塑胶不可有明显的变形或损坏]

8. MECHANICAL EFFICIENCY [机械特性]

NO. [编号]	Item [项目]	Test Method [试验方法]	Requirement [性能要求]
8.1	Terminal retention Force [端子保持力]	EIA-364-29 Fix the dynamometer 150mm away from the wire of the connection, then apply axial pull out force at a speed $\leq 10\text{N/S}$ on the terminal assembled in the housing. [将测力器固定在距离150mm处, 在连接器轴方向施加拉力, 施力速度 $\leq 10\text{N/S}$, 将端子从孔位中拉出]	10 N Min. Only per terminal [单一端子]