

J&B东莞市骏佳电子科技有限公司

产品规格书

1. SCOPE[适用范围]

This specification covers the BBM product series.

本规范适用于BBM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] |
|------------------|-------------------|
| 2.0 BOX SMT | BBM |
| | |

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] | 1.5A | |
| 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 tp 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[性能要求] |
|---------|---------------------------------|--|--|
| 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 : 20 mΩ max. 初始值 最大20 mΩ 2. Final value : 30 mΩ max. 结束值 最大30 mΩ |
| 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] | 1000M Ω 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 AC 通电2分钟后做测试] | 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，再测定其值。] | 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。 |