

SCSI Connector

1. Introduction

简介

- 1.1. Testing was performed on SCSI connector to verify whether it meets the requirement of design objective 108-137364 Rev. A.

本次测试旨在验证SCSI连接器性能是否符合设计目标108-137364 Rev. A的要求。

1.2. Scope:

范围:

This report covers mechanical, electrical and environment performance requirements of SCSI connector

本报告主要涵盖了SCSI 连接器机械，电气及环境的性能要求。

1.3. Conclusion

结论

The SCSI连接器 meets mechanical, electrical and environment performance requirements of product.

SCSI连接器，电气及环境性能符合产品要求。

1.4. Product Description

产品描述

This product is for industrial domain.

该产品主要是工业产品。

- 1.5. Test Sample P/N: *-2271101-*

2. Test Content

测试内容

2.1 EXAMINATION:

检查

Test Description 测试项目	Requirement 要求	Procedure 规定
Examination of the product 产品检查	Meets visual requirements. 目视	Visual inspection per product drawing. Per EIA364-18B 符合产品图纸要求

2.2 ELECTRICAL

电气

Test Description 测试项目	Requirement 要求	Procedure 规定
Insulation resistance. 绝缘电阻	1) Initial :500MΩ Min. 2) After test:100MΩ Min.	500V DC for 1minute between adjacent circuits of mated connectors. 互配连接器相邻回路之间加载500V 直流 持续时间1分钟 According to EIA 364-21E request to make the testing 根据EIA 364-21E需求做测试

<p>Contact resistance (Low level) 接触阻抗</p>	<p>40 mΩ Max. (Initial) 55 mΩ Max. (After Test)</p>	<p>Subject a voltage of 20mV Max open circuit at 100mA on mated contacts assemblies。 20mV Max 100mA 加载相互配合的端子 According to EIA364-23C request to make the testing 根据EIA 364-23C需求做测试</p>
<p>Temperature Rising 温升</p>	<p>Temperature rise shall not exceed 30°C after 20 hours (45 minutes ON and 15 minutes OFF per hour). Ambient condition is 25°C at still air. 20个小时后温升不超过30°C。 周围的环境温度为25°C。</p>	<p>Wire all contacts as a series. 串联所有的接触点 Carry its rated current 1A. 加载额定电流 1A。 Subject specimens to do test Per EIA 364-70B 所做测试应满足EIA 364-70B</p>
<p>Dielectric withstanding voltage 耐压</p>	<p>No creeping discharge or flashover shall occur. 没有沿面放电或闪弧发生 Leak current: 0.5mA Max. 漏电流: 0.5mA Max.</p>	<p>500V AC for 1minute between adjacent circuits of mated connectors. 互配连接器相邻回路之间加载500V 交流电 1分钟 According to EIA364-20 Method B request to make the testing 根据EIA 364-20方法B需求做测试</p>

2.3 MECHANICAL

机械

Test Description 测试项目	Requirement 要求	Procedure 规定
<p>500V DC for 1minute between adjacent circuits of mated connectors Mating force 插入力</p>	<p>735.5 mN (Initial) per contact Max.</p>	<p>Operation speed: 25mm/min. 操作速度: 25mm/min Measure force necessary to mate samples without locking latches. 不带紧锁装置测量插入需要的力 Subject specimens to do test per EIA 364-13E, test method A 所做测试应满足EIA364-13E, 测试方法 A Calculate the value for a contact.</p>
<p>Un-mating force 拔出力</p>	<p>196.1 mN (Initial) per contact Min.</p>	<p>Operation speed: 25mm/min. Measure force necessary to un-mate samples without locking latches. 不带紧锁装置测量分开需要的力 Subject specimens to do test per EIA 364-13E, test method A 所做测试应满足EIA364-13E, 测试方法 A Calculate the value for a contact.</p>
<p>Reseating 手动插拔</p>	<p>Show no physical damage. 产品没有损坏</p>	<p>(manually plug/unplug 3 times) 手动插拔三次</p>
<p>Durability 使用寿命</p>	<p>Show no physical damage. 产品没有损坏</p>	<p>Operation Speed: 40cycles/hour No. of Cycles: 500cycles. Subject specimens to do test per EIA 364-09C 所做测试应满足per EIA 364-09C</p>
<p>Vibration (Random) 震动</p>	<p>No electrical discontinuity greater than 1μsec shall occur 在1微秒以内没有发生电气断开</p>	<p>Subject mated connectors to 10-55-10 Hz traversed in 1 minute at 1.52mm amplitude 2 hours each of 3 mutually perpendicular planes. Subject specimens to do test per EIA364-28E 所做测试配合连接器须三个相互垂直平面方向做测试: 频率: 10-55-10Hz, 一分钟内来回运动在振幅1.52mm情况下。持续时间: 2小时。 所做测试应满足EIA 364-28E</p>



Physical shock 物理冲击	No electrical discontinuity greater than 1μsec shall occur. 在1微秒以内没有发生电气断开	Accelerated Velocity : 50G Waveform : Half-sin wave Duration: 11 milliseconds. Number of drops: 3 drops each to normal and reversed directions of X, Y and Z axes, totally 18 drops. Subject specimens to do test per EIA364-27C 加速度: 50G 波形: 半正弦波 持续时间: 11 毫秒 冲击次数: 18次 所做测试应满足EIA364-27C
Solderability 可焊性	Solderable area shall have minimum of 95% solder coverage. 可焊性区域最少应有95%的焊料覆盖	Solder Temperature: 245±5° C Immersion Duration: 3±0.5 sec. Subject specimens to do test per EIA364-53A 所做测试应满足per EIA364-53A
Connector Retention Force 连接器保持力	After testing, no breakage shall occur in locking area and cable retention area.	Apply an axial pull-off load of 98.1N the cable terminated on the plug connector, which is mated with the header and the locking device is set in effect.
Repeated Bending of Cable:	No breakage of conductor shall occur.	With the free end of the terminated cable securely fixed, repeat bending of the to 60° both sides with tension load of 4.9 N applied, for 2,000 cycles reciprocating, by moving the connector side. Fig.3
Resistance to Soldering Heat 耐焊热性	No physical damage shall occur. 产品没有损坏	Solder Temperature: 260±5° C 焊锡温度: 260±5° C Immersion Duration: 10±0.5 sec. 浸泡时间: 10±0.5 sec In case of manual soldering iron, apply it as 360±10° C for 3±0.5 seconds without forcing pressure to affect the tine of contact. Test contact per EIA364-56

2.4 Environmental

环境

Test Description	Requirement	Procedure
Humidity 湿度	Show no physical damage. 产品没有损坏	90-95% Relative Humidity at 40 °C 96 hours 相对湿度: 90-95%, 温度: 40°C, 持续时间: 96小时 Subject specimens to do test per EIA364-31, Method II, condition A. 所做测试应满足per EIA364-31C
Temperature life 温度寿命	Show no physical damage. 产品没有损坏	Subject mated connectors to temperature life at 105°C for 500 hours. 温度: 105°C, 时间: 500 小时 Subject specimens to do test per EIA 364-17A 所做测试应满足 per EIA364-17A
Thermal Shock 热冲击	Show no physical damage. 产品没有损坏	-55° C / 30 min. +105° C / 30 min. Making this a cycle, repeat 10 cycles. Subject specimens to do test per EIA364-32, condition I 温度范围: -55° C / 30 min. +105° C / 30 min. 循环次数: 10次 所做测试应满足 EIA364-32.



Humidity-temperature Cycling	Insulation Resistance(Final) 100MΩ min. Termination Resistance (Low Leave) (Final)	Subject mated connectors to 10 cycles of humidity-temperature changes between 25°C and 65°C at 95% R.H. EIA364-31,Method IV.
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*Remark: The text “**No mechanical damage**” means No structure is damaged/No connection becomes loose/The specimen still is fully functional in electricity after testing. The plug need to meet requirements of EIA364*

*注意：上文中的无损坏是指结构无破坏，产品功能符合要求
与SCSI插座相配合的插头其性能应满足EIA364要求。*

Fig. 1 (END)

3. Product Qualification and Requalification Test Sequence (Sample Size: 5pcs for each group)

产品验证及测试顺序（样品数量：每组5pcs）

Test group 测试项目	1	2	3	4	5	6	7	8	9	10	11	12	13
Examination of product 产品检查	1,9	1,6	1,3	1,3	1,5	1,7	1,5	1,5	1,5	1,7	1,3	1,3	1,8
Low level Contact Resistance 接触阻抗	2,8	2,5			2,4		2,4	2,4	2,4				2,4,6
Dielectric withstanding voltage 耐压						2,5				2,5			
Insulation resistance 绝缘阻抗						3,6				3,6			
Vibration 震动 (Random)		3											
Physical shock 冲击		4											
Temperature Rising 温升													7
Mating force 插入力	3,6												
Un Mating force 拔出力	4,7												
Durability 使用寿命	5(b)												
Reseating (manually plug/unplug 3 time) 手动插拔 3 次													5
Solderability 可焊性												2	
Resistance to Solder Heat 耐焊热性											2		
Thermal Shock 热冲击							3						
Humidity-Temperature Cycling					3	4							
Humidity (Steady state) 湿度									3	4			
Temperature life (Heat Aging) 温度寿命								3					3
Connector Tensile Strength 抗拉强度			2										
Repeated Bending of Cable 重复电缆弯曲测试				2									

4. Test Result

测试结果

Test Group 测试组别	Test Item 测试项目	Unit 单位	Result 结果	Spec. 规格	Judgment 判断
1.1	Examination of product 产品检查		No Physical damages, no burr. 无结构性损伤, 无毛边倒刺等		Pass 合格
1.2	Contact Resistance (Low level) 接触阻抗	mΩ	P/N: *- 2271101-* (Initial) 20pin: 19.9 mΩ Max 26pin: 20.3 mΩ Max 36pin: 20.8 mΩ Max 50pin: 20.4 mΩ Max	40 mΩ Max. (Initial)	Pass 合格
1.3	Mating force 插入力	mN	P/N: *- 2271101-* 20pin: 695 mN Max. per 26pin: 461 mN Max. per 36pin: 633 mN Max. per 50pin: 730 mN Max. per	735.5 mN (Initial) per contact Max.	Pass 合格
1.4	Un-mating Force 拔出力	mN	P/N: *- 2271101-* 20pin: 355 mN Min per 26pin: 226 mN Min per 36pin: 276 mN Min per 50pin: 336 mN Min per	196.1 mN (Initial) per contact Min.	Pass 合格
1.5	Durability 使用寿命		Show no physical damage.	Operation Speed: 40cycles/hour No. of Cycles: 500cycles.	Pass 合格
1.6	Mating force 插入力	mN	P/N: *- 2271101-* 20pin: 695 mN Max. per 26pin: 585 mN Max. per 36pin: 697 mN Max. per 50pin: 696 mN Max. per	735.5mN (Initial) per contact Max.	Pass 合格
1.7	Un-mating Force 拔出力	mN	P/N: *- 2271101-* 20pin: 285 mN Min per 26pin: 219 mN Min per 36pin: 323 mN Min per 50pin: 414 mN Min per	196.1mN (Initial) per contact Min.	Pass 合格
1.8	Contact Resistance (Low level) 接触阻抗	mΩ	P/N: *- 2271101-* (After) 20pin: 20.3 mΩ Max 26pin: 19.8 mΩ Max 36pin: 20.2 mΩ Max 50pin: 19.9 mΩ Max	55 mΩ Max. (After)	Pass 合格
1.9	Examination of product 产品检查		No Physical damages, no burr. 无结构性损伤, 无毛边倒刺等		Pass 合格

Test Group 测试组别	Test Item 测试项目	Unit 单位	Result 结果	Spec. 规格	Judgment 判断
2.1	Examination of product 产品检查		No Physical damages, no burr. 无结构性损伤, 无毛边倒刺等		Pass 合格
2.2	Contact Resistance (Low level) 接触阻抗	mΩ	P/N: *- 2271101-* (Initial) 20pin: 19.9 mΩ Max 26pin: 20.9 mΩ Max 36pin: 20.3 mΩ Max 50pin: 20.4 mΩ Max	40 mΩ Max. (Initial)	Pass 合格
2.3	Vibration 震动		No electrical discontinuity greater than 1μsec shall occur.	Subject mated connectors to 10-55-10 Hz traversed in 1 minute at 1.52mm amplitude 2 hours each of 3 mutually perpendicular planes.	Pass 合格
2.4	Physical shock 物理冲击		No electrical discontinuity greater than 1μsec shall occur.	Accelerated Velocity: 50G Waveform: Half-sin wave Duration: 11 milliseconds. Number of drops: 3 drops each to normal and reversed directions of X, Y and Z axes, totally 18 drops.	Pass 合格
2.5	Contact Resistance (Low level) 接触阻抗	mΩ	P/N: *- 2271101-* (After) 20pin: 19.7 mΩ Max 26pin: 20.3 mΩ Max 36pin: 20.2 mΩ Max 50pin: 19.9 mΩ Max	55 mΩ Max. (After)	Pass 合格
2.6	Examination of product 产品检查		No Physical damages, no burr. 无结构性损伤, 无毛边倒刺等		Pass 合格

Test Group 测试组别	Test Item 测试项目	Unit 单位	Result 结果	Spec. 规格	Judgment 判断
3.1	Examination of product 产品检查		No Physical damages, no burr. 无结构性损伤, 无毛边倒刺等		Pass 合格
3.2	Connector Tensile Strength抗拉强度		After testing, no breakage shall occur in locking area and cable retention area.	Apply an axial pull-off load of 98.1 N the cable terminated on the plug connector, which is mated with the header and the locking device is set in effect.	Pass 合格
3.3	Examination of product 产品检查		No Physical damages, no burr. 无结构性损伤, 无毛边倒刺等		Pass 合格



Qualification Test Report

501-137364

Rev. A

Test Group 测试组别	Test Item 测试项目	Unit 单位	Result 结果	Spec. 规格	Judgment 判断
4.1	Examination of product 产品检查		No Physical damages, no burr. 无结构性损伤, 无毛边倒刺等		Pass 合格
4.2	Repeated Bending of Cable 重复电缆弯曲测试		No breakage of conductor shall occur.	With the free end of the terminated cable securely fixed, repeat bending of the to 60° both sides with tension load of 4.9 N applied, for 2,000 cycles reciprocating, by moving the connector side Fig.3.	Pass 合格
4.3	Examination of product 产品检查		No Physical damages, no burr. 无结构性损伤, 无毛边倒刺等		Pass 合格

Test Group 测试组别	Test Item 测试项目	Unit 单位	Result 结果	Spec. 规格	Judgment 判断
5.1	Examination of product 产品检查		No Physical damages, no burr. 无结构性损伤, 无毛边倒刺等		Pass 合格
5.2	Contact resistance (Low level) 接触阻抗	mΩ	P/N: *- 2271101-* (Initial) 20pin: 19.8 mΩ Max 26pin: 20.2 mΩ Max 36pin: 20.3 mΩ Max 50pin: 19.5 mΩ Max	40 mΩ Max. (Initial)	Pass 合格
5.3	Humidity-Temperature Cycling 温湿循环		Insulation Resistance(Final) 100MΩ min. LLCR (Low Leave) (Final) 55mΩ Max.	Subject mated connectors to 10 cycles of humidity-temperature changes between 25°C and 65°C at 95% R.H. EIA364-31, Method IV.	Pass 合格
5.4	Contact resistance (Low level) 接触阻抗	mΩ	P/N: *- 2271101-* (After) 20pin: 19.8 mΩ Max 26pin: 21.3 mΩ Max 36pin: 20.3 mΩ Max 50pin: 19.8 mΩ Max	55 mΩ Max. (After)	Pass 合格
5.5	Examination of product 产品检查		No Physical damages, no burr. 无结构性损伤, 无毛边倒刺等		Pass 合格

Test Group 测试组别	Test Item 测试项目	Unit 单位	Result 结果	Spec. 规格	Judgment 判断
6.1	Examination of product 产品检查		No Physical damages, no burr. 无结构性损伤, 无毛边倒刺等		Pass 合格
6.2	Dielectric withstanding voltage 耐压	V	No creeping discharge or flashover shall occur.	500V AC for 1minute between adjacent circuits of mated connectors.	Pass 合格
6.3	Insulation resistance. 绝缘电阻	MΩ	P/N: *- 2271101-* (Initial) 20pin: ≥500 MΩ 26pin: ≥500 MΩ 36pin: ≥500 MΩ 50pin: ≥500 MΩ	Initial :500MΩ Min. After test:100MΩ Min	Pass 合格
6.4	Humidity-Temperature Cycling 温湿循环		Insulation Resistance(Final) 100MΩ min. LLCR (Low Leave) (Final) 55mΩ Max.	Subject mated connectors to 10 cycles of humidity-temperature change between 25°C and 65°C at 95% R.H. EIA364-31,Method IV.	Pass 合格
6.5	Dielectric withstanding voltage 耐压	V	No creeping discharge or flashover shall occur.	No creeping discharge or flashover shall occur. Leak current: 0.5mA Max	Pass 合格
6.6	Insulation resistance. 绝缘电阻	MΩ	P/N: *- 2271101-* (After) 20pin: ≥100 MΩ 26pin: ≥100 MΩ 36pin: ≥100 MΩ 50pin: ≥100 MΩ	Initial :500MΩ Min. After test:100MΩ Min	Pass 合格
6.7	Examination of product 产品检查		No Physical damages, no burr. 无结构性损伤, 无毛边倒刺等		Pass 合格

Test Group 测试组别	Test Item 测试项目	Unit 单位	Result 结果	Spec. 规格	Judgment 判断
7.1	Examination of product 产品检查		No Physical damages, no burr. 无结构性损伤, 无毛边倒刺等		Pass 合格
7.2	Contact resistance (Low level) 接触阻抗	mΩ	P/N: *- 2271101-* (Initial) 20pin: 19.8 mΩ Max 26pin: 20.3 mΩ Max 36pin: 19.7 mΩ Max 50pin: 20.2 mΩ Max	40 mΩ Max. (Initial)	Pass 合格
7.3	Thermal Shock 热冲击		Show no physical damage. 产品没有损坏	Mated connector -55°C / 30 min. +105°C / 30 min. Making this a cycle, repeat 10 cycles. EIA364-32, Condition I	Pass 合格
7.4	Contact resistance (Low level) 接触阻抗	mΩ	P/N: *- 2271101-* (After) 20pin: 20.1 mΩ Max 26pin: 19.9 mΩ Max 36pin: 20.3 mΩ Max 50pin: 20.1 mΩ Max	55 mΩ Max. (After)	Pass 合格
7.5	Examination of product 产品检查		No Physical damages, no burr. 无结构性损伤, 无毛边倒刺等		Pass 合格

Test Group 测试组别	Test Item 测试项目	Unit 单位	Result 结果	Spec. 规格	Judgment 判断
8.1	Examination of product 产品检查		No Physical damages, no burr. 无结构性损伤, 无毛边倒刺等		Pass 合格
8.2	Contact Resistance (Low level) 接触阻抗	mΩ	P/N: *- 2271101- 20pin: 19.8 mΩ Max 26pin: 20.3 mΩ Max 36pin: 19.8 mΩ Max 50pin: 21.2 mΩ Max	40 mΩ Max. (Initial)	Pass 合格
8.3	Temperature life (Heat Aging) 温度寿命		Show no physical damage.	Mated connector 105°C, 500 Hours EIA364-17, Method A, Condition III Subject specimens to do test per EIA 364-17A 所做测试应满足 per EIA364-17A	Pass 合格
8.4	Examination of product 产品检查		No Physical damages, no burr. 无结构性损伤, 无毛边倒刺等		Pass 合格

Test Group 测试组别	Test Item 测试项目	Unit 单位	Result 结果	Spec. 规格	Judgment 判断
9.1	Examination of product 产品检查		No Physical damages, no burr. 无结构性损伤, 无毛边倒刺等		Pass 合格
9.2	Contact Resistance (Low level) 接触阻抗	mΩ	P/N: *- 2271101- (Initial) 20pin: 20.2 mΩ Max 26pin: 20.8 mΩ Max 36pin: 19.8 mΩ Max 50pin: 20.3 mΩ Max	40 mΩ Max. (Initial)	Pass 合格
9.3	Humidity (Steady state) 湿度		Show no physical damage. 产品没有损坏	90-95% Relative Humidity at 40 °C 96 hours 相对湿度: 90-95%, 温度: 40°C, 持续时间: 96小时 Subject specimens to do test per EIA364-31, Method II, condition A. 所做测试应满足 per EIA364-31C	Pass 合格
9.4	Contact Resistance (Low level) 接触阻抗	mΩ	P/N: *- 2271101- (After) 20pin: 20.4 mΩ Max 26pin: 20.8 mΩ Max 36pin: 20.3 mΩ Max 50pin: 20.8 mΩ Max	55 mΩ Max. (After)	Pass 合格
9.5	Examination of product 产品检查		No Physical damages, no burr. 无结构性损伤, 无毛边倒刺等		Pass 合格



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501-137364

Rev. A

Test Group 测试组别	Test Item 测试项目	Unit 单位	Result 结果	Spec. 规格	Judgment 判断
10.1	Examination of product 产品检查		No Physical damages, no burr. 无结构性损伤, 无毛边倒刺等		Pass 合格
10.2	Dielectric withstanding voltage 耐压	V	No creeping discharge or flashover shall occur.	No creeping discharge or flashover shall occur. Leak current: 0.5mA Max	Pass 合格
10.3	Insulation resistance. 绝缘电阻	MΩ	P/N: *- 2271101-* (Initial) 20pin: ≥500 MΩ 26pin: ≥500 MΩ 36pin: ≥500 MΩ 50pin: ≥500 MΩ	Initial :500MΩ Min. After test:100MΩ Min	Pass 合格
10.4	Humidity (Steady state) 湿度		Show no physical damage. 产品没有损坏	90-95% Relative Humidity at 40 °C 96 hours 相对湿度: 90-95%, 温度: 40°C, 持续时间: 96小时 Subject specimens to do test per EIA364-31, Method II, condition A. 所做测试应满足per EIA364-31C	Pass 合格
10.5	Dielectric withstanding voltage 耐压	V		No creeping discharge or flashover shall occur. Leak current: 0.5mA Max	Pass 合格
10.6	Insulation resistance. 绝缘电阻	MΩ	20pin: ≥100 MΩ 26pin: ≥100 MΩ 36pin: ≥100 MΩ 50pin: ≥100 MΩ	Initial :500MΩ Min. After test:100MΩ Min	Pass 合格
10.7	Examination of product 产品检查		No Physical damages, no burr. 无结构性损伤, 无毛边倒刺等		Pass 合格

Test Group 测试组别	Test Item 测试项目	Unit 单位	Result 结果	Spec. 规格	Judgment 判断
11.1	Examination of product 产品检查		No Physical damages, no burr. 无结构性损伤, 无毛边倒刺等		Pass 合格
11.2	Resistance to Solder Heat 耐焊热性		No physical damage shall occur. 产品没有损坏	Solder Temperature: 260±5° C 焊锡温度: 260±5° C Immersion Duration: 10±0.5 sec. 浸泡时间: 10±0.5 sec In case of manual soldering iron, apply it as 360±10° C for 3±0.5 seconds without forcing pressure to affect the tine of contact. Test contact per EIA364-56	Pass 合格
11.3	Examination of product 产品检查		No Physical damages, no burr. 无结构性损伤, 无毛边倒刺等		Pass 合格

Test Group 测试组别	Test Item 测试项目	Unit 单位	Result 结果	Spec. 规格	Judgment 判断
12.1	Examination of product 产品检查		No Physical damages, no burr. 无结构性损伤, 无毛边倒刺等		Pass 合格

12.2	Solderability 可焊性		Solderable area shall have minimum of 95% solder coverage. 可焊性区域最少应有95%的焊料覆盖	Solder Temperature: 245±5° C Immersion Duration: 3±0.5 sec. Subject specimens to do test per EIA364-53A 所做测试应满足per EIA364-53A	Pass 合格
12.3	Examination of product 产品检查		No Physical damages, no burr. 无结构性损伤, 无毛边倒刺等		Pass 合格

Test Group 测试组别	Test Item 测试项目	Unit 单位	Result 结果	Spec. 规格	Judgment 判断
13.1	Examination of product 产品检查		No Physical damages, no burr. 无结构性损伤, 无毛边倒刺等		Pass 合格
13.2	Contact Resistance (Low level) 接触阻抗	mΩ	P/N: *- 2271101-* (Initial) 20pin: 23.37 mΩ Max 26pin: 23.68 mΩ Max 36pin: 21.3 mΩ Max 50pin: 22.3 mΩ Max	40 mΩ Max. (Initial)	Pass 合格
13.3	Temperature life (Heat Aging) 温度寿命		Show no physical damage.	Mated connector 105°C, 500 Hours EIA364-17, Method A, Condition III Subject specimens to do test per EIA 364-17A 所做测试应满足 per EIA364-17A	Pass 合格
13.4	Contact Resistance (Low level) 接触阻抗	mΩ	P/N: *- 2271101-* (After) 20pin: 24.02 mΩ Max 26pin: 25.57 mΩ Max 36pin: 22.1 mΩ Max 50pin: 22.5 mΩ Max	55 mΩ Max. (After)	Pass 合格
13.5	Reseating (manually plug/unplug 3 time) 手动插拔3次		Show no physical damage. 产品没有损坏	(manually plug/unplug 3 times) 手动插拔三次	Pass 合格
13.6	Contact Resistance (Low level) 接触阻抗	mΩ	P/N: *- 2271101-* (After) 20pin: 23.97 mΩ Max 26pin: 26.35 mΩ Max 36pin: 22.87 mΩ Max 50pin: 22.86 mΩ Max	55 mΩ Max. (After)	Pass 合格
13.7	Temperature Rising 温升	°C	ΔT=19.3 Max.	Temperature rise shall not exceed 30°C after 20 hours	Pass 合格
13.8	Examination of product 产品检查		No Physical damages, no burr. 无结构性损伤, 无毛边倒刺等		Pass 合格

Fig. 2 (END)

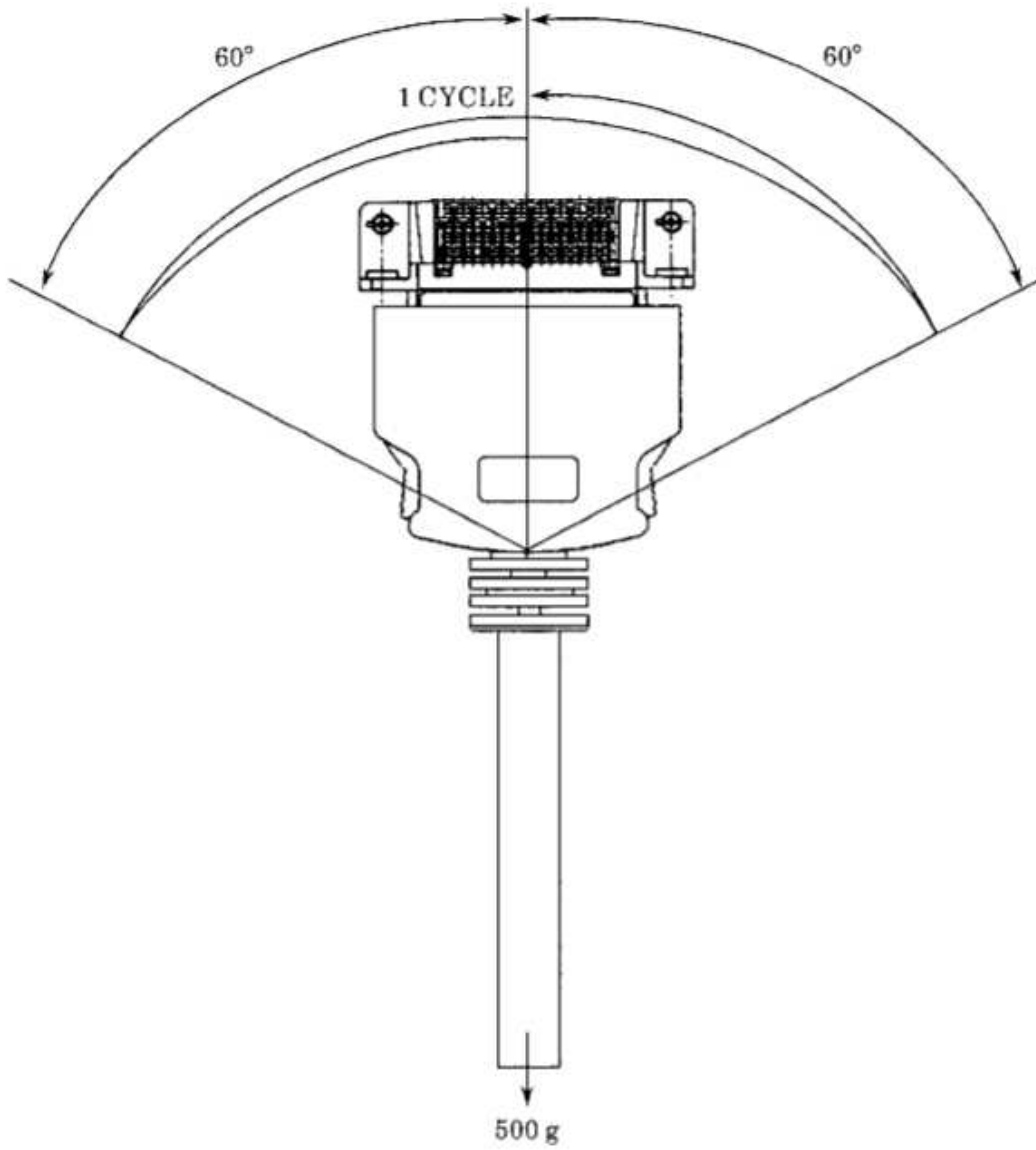


Fig.3