

检 测 报 告

TEST REPORT

报告编号 (No.) :UTS23060026R67 报告日期 (Report Date) : 2023/08/25

委托单位/Client : 浙江新富尔电子有限公司
Zhejiang Xinfuer Electron Co.,Ltd
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No.9 Xixi industrial park,Hongqiao town,Yueqing,Zhejiang,China

以下样品信息由申请人提供及确认:

The sample(s) information below is/are provided and confirmed by client:

样品名称/Sample Name : PHC 系列连接器/PHC series connectors

料 号/Part No. : PHC-nAWB-NK
PHC-nAB-NK
PHC-T-NK
PHC-nY-NK
PHC-nYK

接样日期/Receiving Date : 2023/06/20

检测项目/Test Item : TG31 公针保持力;TG31Holding force for contact pins and contact blades in plastic contact housing



签 发
Approved by 樊建红 授权签字人

审 核
Reviewed by 毛贯南

编 制
Prepared by 王彭

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1、测试标准/Test Standard

VW 75174 LV-214 2018 及客户要求; VW 75174 LV-214 2018 and customer requirements

2、测试日期/Test Date

2023/07/20

3、测试仪器/Test Equipment

设备名称 Test Equipment	设备编号 Equipment Number	校准有效期 Calibration Period of Validity
万能试验机 Universal testing machine	M-1-005	2024/05/03
温湿度环境箱 Temperature and humidity environment box	R-1-088	2023/11/24

4、测试条件/Test Condition

P0.1 目检;

P0.1 Visual inspection;

L31.1 老化过程;

L31. 1 Aging process(simulation of the soldering process)

85℃保持 2H, 然后冷却至室温;

Duration: 2h

Temperature: 85℃, then cooling down to RT

P31.1 端子保持力

P31. 1 Pin/blade holding force

测试速度 50mm/min

初始力值 5N

推出力长度为 0.2mm

Test speed 50mm/min

Initial force value 5N

The pushing force length is 0.2mm

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5、测试结果/Test Result(s)

WRS 外观检查 (测试前) WRS Visual inspection before test

样品编号 Sample No.		结果 Result
2pin	1#-2#	没有松动、裂纹、变形等缺陷。 No detrimental looseness, cracks, flaws, deformation, etc.
8pin	1#-8#	没有松动、裂纹、变形等缺陷。 No detrimental looseness, cracks, flaws, deformation, etc.
15pin	1#-15#	没有松动、裂纹、变形等缺陷。 No detrimental looseness, cracks, flaws, deformation, etc.

WVS 外观检查 (测试前) WVS Visual inspection before test

样品编号 Sample No.		结果 Result
2pin	1#-2#	没有松动、裂纹、变形等缺陷。 No detrimental looseness, cracks, flaws, deformation, etc.
8pin	1#-8#	没有松动、裂纹、变形等缺陷。 No detrimental looseness, cracks, flaws, deformation, etc.
15pin	1#-15#	没有松动、裂纹、变形等缺陷。 No detrimental looseness, cracks, flaws, deformation, etc.

WRS 推入力;WRS push force

样品编号 Sample No.		结果 Result
2pin	1#	15.53N
	2#	15.67N
8pin	1#	19.04N
	2#	15.77N
	3#	22.90N
	4#	17.67N
	5#	18.73N
	6#	18.53N
	7#	21.62N
	8#	18.77N

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样品编号 Sample No.		结果 Result
15pin	1#	20.51N
	2#	18.57N
	3#	16.73N
	4#	20.06N
	5#	19.88N
	6#	21.37N
	7#	21.04N
	8#	22.82N
	9#	20.68N
	10#	19.83N
	11#	21.15N
	12#	20.38N
	13#	19.87N
	14#	20.72N
	15#	19.35N

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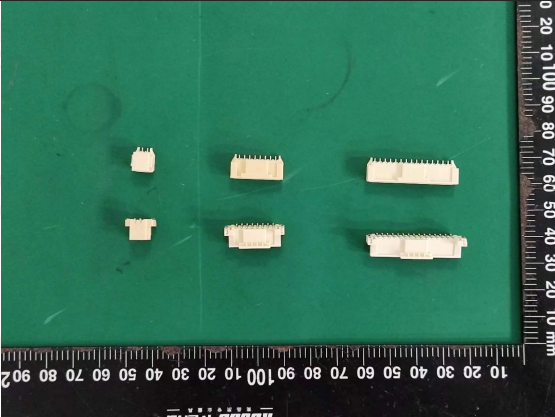
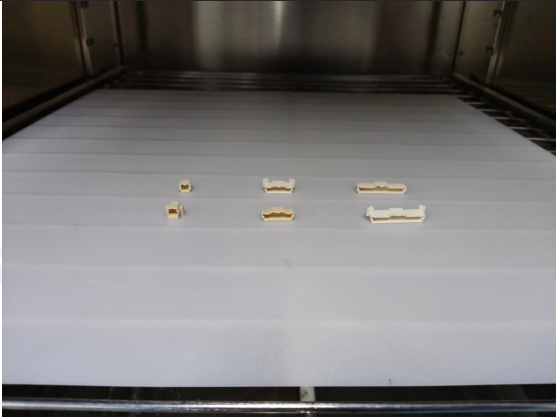
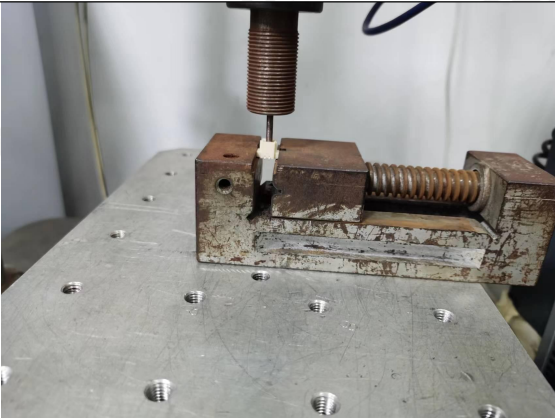
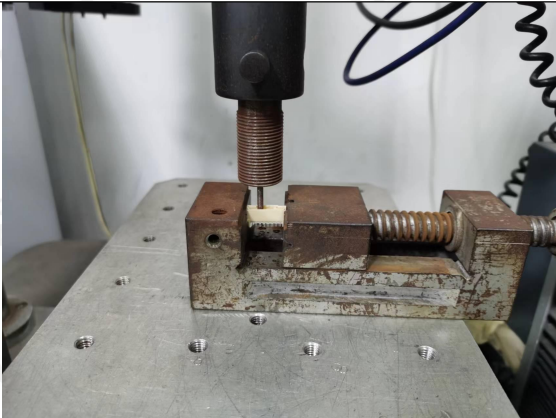
WVS 推入力;WVS push force

样品编号 Sample No.		结果 Result
2pin	1#	15.65N
	2#	16.07N
8pin	1#	17.49N
	2#	16.70N
	3#	15.77N
	4#	16.24N
	5#	18.62N
	6#	19.65N
	7#	17.03N
	8#	17.61N
15pin	1#	17.60N
	2#	17.62N
	3#	18.00N
	4#	22.73N
	5#	19.41N
	6#	19.74N
	7#	17.20N
	8#	16.29N
	9#	20.42N
	10#	21.30N
	11#	19.64N
	12#	19.98N
	13#	20.27N
	14#	20.93N
	15#	20.42N

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6、测试照片/Test Photo(s)

	
测试前外观检查;Visual inspection before test	高温老化测试中; During test-aging
	
测试设备; Test equipment	2PIN WRS 测试中; During test-2PIN WRS
	
2PIN WVS 测试中; During test-2PIN WVS	8PIN WRS 测试中;During test-8PIN WRS

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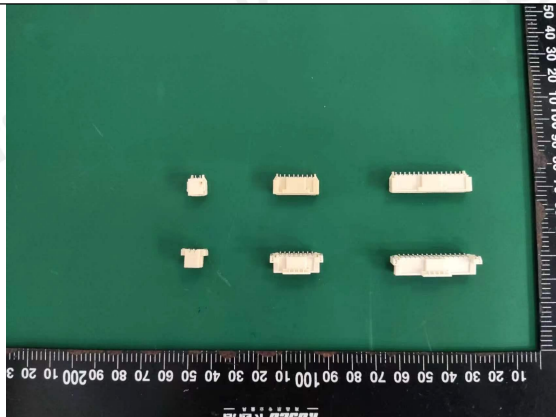
8PIN WVS 测试中; During test-8PIN WVS



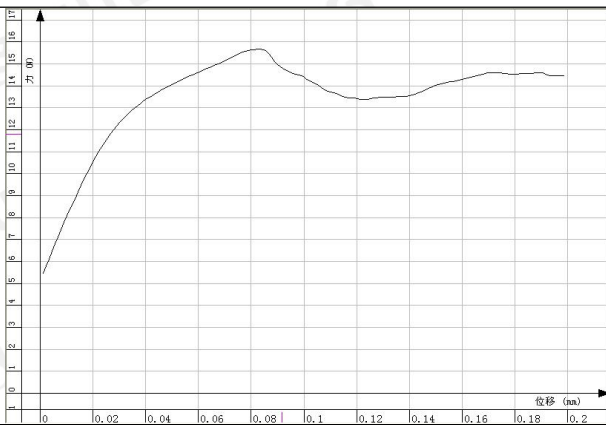
15PIN WRS 测试中; During test-15PIN WRS



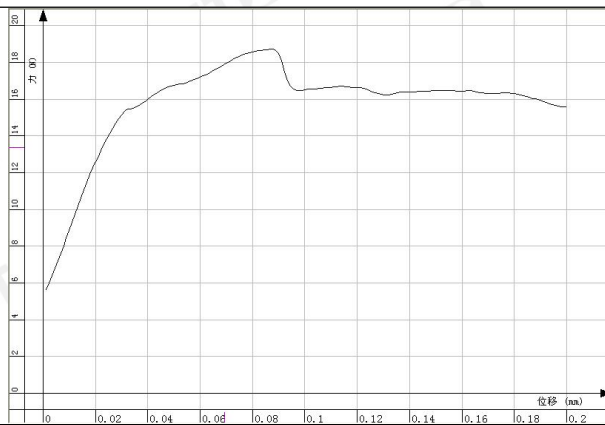
15PIN WVS 测试中; During test-15PIN WVS



测试后; After test



WRS 2PIN 15.67N

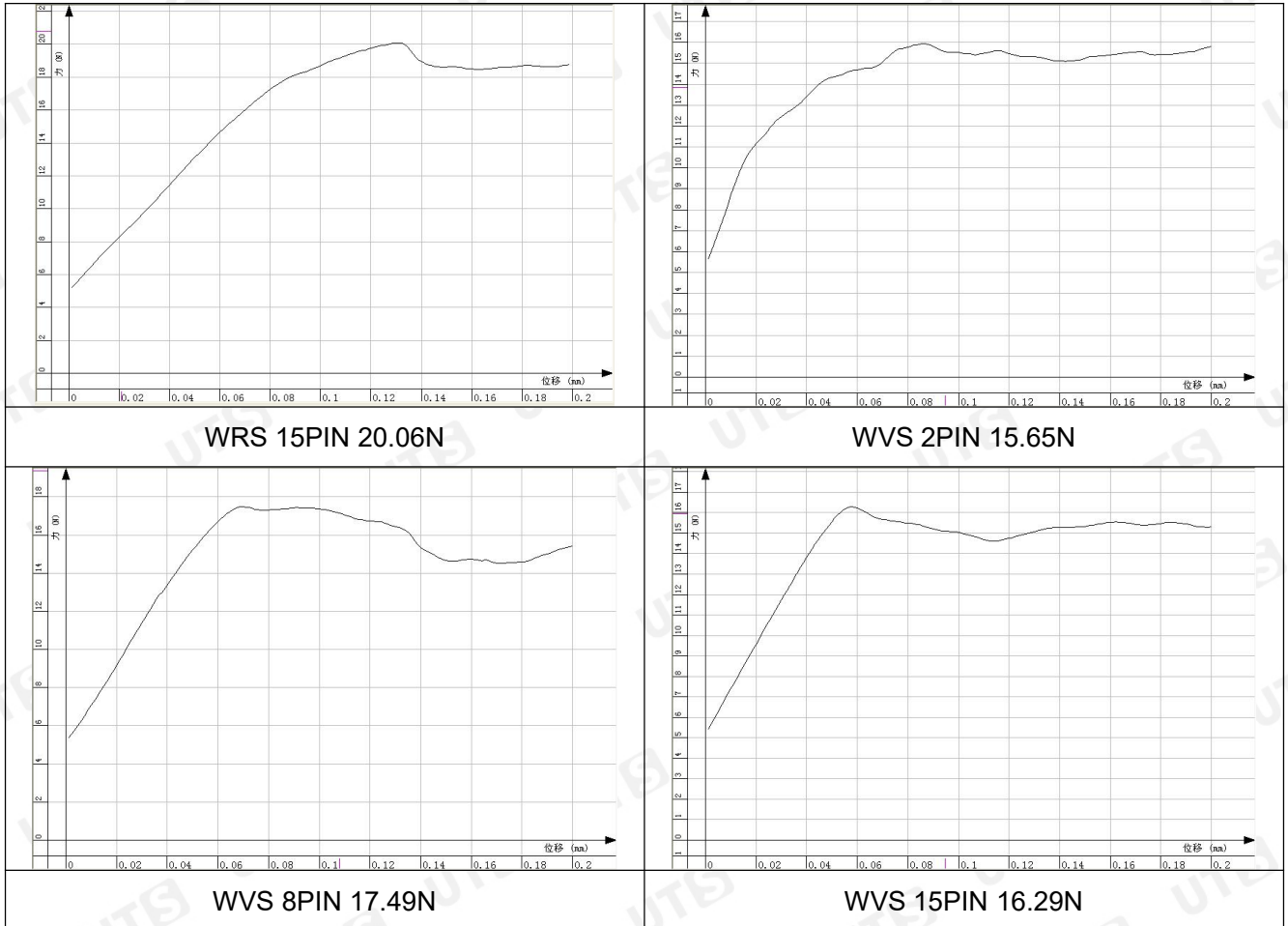


WRS 8PIN 18.73N

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.....报告结束/End of Report.....

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Test results in this report are only used for scientific research, teaching and internal quality control.