

检 测 报 告

TEST REPORT

报告编号 (No.) :UTS23060026R66 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
地 址/Address : 浙江省乐清市虹桥镇溪西工业区标准厂区 9 号
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 : TG28 锁止噪声/TG28 Locking Noise



签 发 樊建红
Approved by 樊建红 授权签字人

审 核 毛贯南
Reviewed by 毛贯南

编 制 王彭
Prepared by 王彭

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江苏省优联检测技术服务有限公司

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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

2023/06/25-2023/07/10

3、测试仪器/Test Equipment

设备名称 Test Equipment	设备型号 Equipment Type	校准有效期 Calibration Period of Validity
便携式音频和声学分析仪 Portable Audio And Acoustic Analyzer	XL2	2024/05/28
全消声室 Fully Anechoic Chamber	AN02	2026/02/22
声校准器 Acoustic Calibrator	BK 4231	2024/03/12

4、测试条件/Test Condition

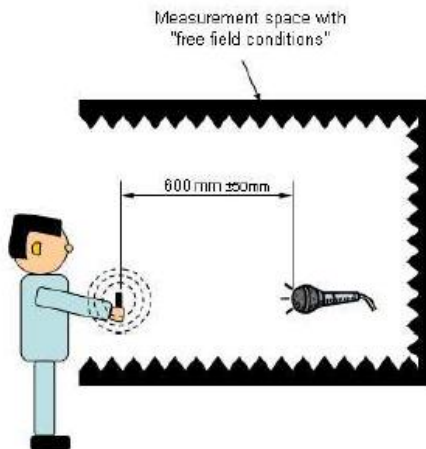
P0.1 目检; P0.1 Visual inspection;

L28.1 室温下老化 24 小时; L28.1 Aging 24h at RT;

P28.1 嵌合音; P28.1 Locking noise;

至测量麦克风的距离:(600±50) mm; Distance to the measuring microphone: (600 ± 50) mm.

锁触发: 用手, 最少的接触避免底层结构(工作台)或靠近墙壁伪反射。Actuating the lock: Manually, with as little contact as possible, avoiding distorting reflections from the surface below (table) or close-by walls.

测量设置示意图“音量测量”
Schematic of the measurement setup "volume measurement"

P0.1 目检; P0.1 Visual inspection;

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5、测试结果/Test Result(s)

外观检查 (测试前) Visual inspection before test

样品编号 Sample No.		结果 Result
15pin	1#-5#	没有松动、裂纹、变形等缺陷。No detrimental looseness, cracks, flaws, deformation, etc.
8pin	1#-5#	没有松动、裂纹、变形等缺陷。No detrimental looseness, cracks, flaws, deformation, etc.
2pin	1#-5#	没有松动、裂纹、变形等缺陷。No detrimental looseness, cracks, flaws, deformation, etc.

嵌合音 Locking noise

样品编号 Sample No.		噪音 (分贝) Noise(dB)		信噪比 (dB) signal-to-noise	判定依据 Judgment Basis	判定 Determine
		环境音 Environmental	嵌合音 Locking			
15pin	1#	21.0	92.4	12.87	嵌合音和周围噪音的信噪比至少为 7dB(A); For this purpose, the signal-to-noise ratio between the locking noise and the ambient noise must be at least 7dB (A); 嵌合音至少为 $L_{Apeak} \geq 70\text{dB}$ (A) L_{Apeak} 频率加权为 A 的噪声值峰值。The locking noise must be at least $L_{Apeak} \geq 70\text{dB}$ (A). L_{Apeak} : peak level of the sound level with frequency weighting A.	符合 PASS
	2#	21.0	89.2	12.56		符合 PASS
	3#	21.0	91.1	12.75		符合 PASS
	4#	21.0	90.3	12.67		符合 PASS
	5#	21.0	84.1	12.05		符合 PASS
8pin	1#	21.0	88.8	12.52		符合 PASS
	2#	21.0	88.9	12.53		符合 PASS
	3#	21.0	86.6	12.31		符合 PASS
	4#	21.0	89.5	12.59		符合 PASS
	5#	21.0	92.9	12.92		符合 PASS
2pin	1#	21.0	93.1	12.93		符合 PASS
	2#	21.0	89.7	12.61		符合 PASS
	3#	21.0	90.9	12.73		符合 PASS
	4#	21.0	90.7	12.71		符合 PASS
	5#	21.0	94.0	13.02		符合 PASS

备注/Remark: 判定限值依 VW 75174 LV-214 2018。/The prescribed limit(s) is/are according to VW 75174 LV-214 2018.

注: 信噪比计算公式为 $SN = 20 \lg(\text{嵌合音}/\text{环境音})$;Note: The signal-to-noise ratio calculation formula is $SN=20 \lg (\text{Locking}/\text{Environmental})$

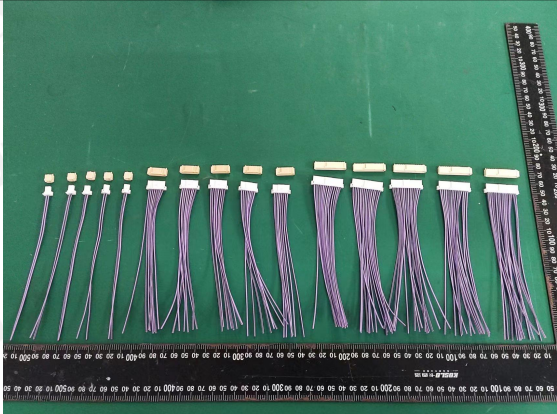
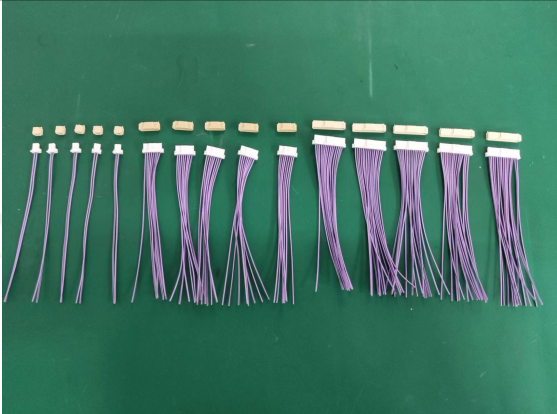
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外观检查 (测试后) Visual inspection after test

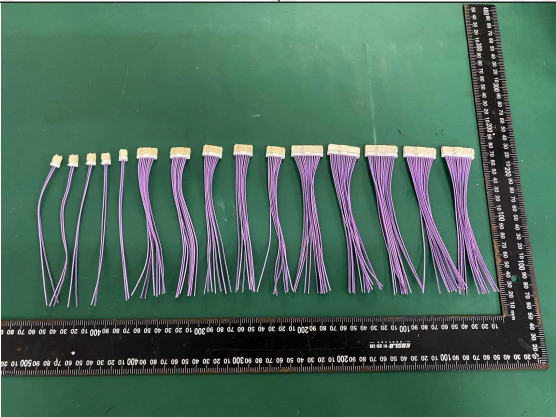
样品编号 Sample No.		结果 Result
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8pin	1#-5#	没有松动、裂纹、变形等缺陷。No detrimental looseness, cracks, flaws, deformation, etc.
2pin	1#-5#	没有松动、裂纹、变形等缺陷。No detrimental looseness, cracks, flaws, deformation, etc.

6、测试照片/Test Photo(s)

	
测试前外观检查; Visual inspection before test	室温下老化 24 小时;Aging 24h at RT
	
测试中-15pin; During test-15 pin	测试中-8pin; During test-8pin

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测试中-2pin; During test-2pin	嵌合音-15pin; Locking-15pin
	
嵌合音-8pin; Locking-8pin	嵌合音-2pin; Locking-2pin
	
测试后外观 Sample appearance after test	

.....报告结束/End of Report.....

本报告中结果仅作为科研、教学或内部质量控制之用。

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