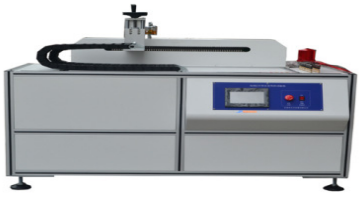
乐庭电线工业(惠州)有限公司
LTK Electric Wire(HuiZhou)LTD

测试报告 Test Report

报告编号Report No. QN90248
报告日期Report Date: 2019/10/23

测试项目 Test Item : **拖链试验Drag Chain test**
规格编号 Spec. No. : GD-CHAIN-0631
客户编号Customer No. : /
样品来源 Sample From : 技术部
温湿度 Temp.&Humidity : 22℃ / 60%
样品描述 Sample Descri : USB3.0,PVC



测试参考标准 Test Standards:

机器人 TUV 2577-08.16 robot cable revision 8.4

客户要求Customer requirements

测试主要设备 Test Main Equipments

1，LX-T108拖链电缆试验机LX-T108 towline cable testing machine

2，DZ-405F5电线U字形反复弯折试验机DZ-405F5 wire U-shaped repeated bending test machine

测试步骤 Test Procedure:

1，LX-T108拖链电缆试验机，取样长度6米LX-T108 towline cable testing machine, sampling length of 6 meters

2，DZ-405F5电线U字形反复弯折试验机，取样长度3米DZ-405F5 wire U-shaped repeated bending test machine, sampling length of 3 meters

3，将试样两端的导体分别串联对接，构成一个串联不可重复的回路The conductor at both ends of the conductor were connected in series, constitute a series of non-repeatable loop.

4，用规定的夹具夹住试样一端，连接导体电阻测试仪（数据采集器）上Hold one end of the specimen with a specified clamp and connect it to a conductor resistance tester (data collector)

5，调节速度，设定弯曲次数，接通电源，开始测试.Adjust the speed, set the number of bending, turn on the power, start testing.

测试条件&要求 Test Requirement: R=100mm, 30次/min, 行程：1.0m

1，弯曲次数Number of Bends: 5,000,000 次

2，施加 **0.5kv** 电压,试样不能被击穿.All the specimens without breakdown under **不击穿**

3，最大导体电阻 Max.conductor resistance: **150 / 59.4** Ω/km.

4，外观Exterior：结构不松散，不破皮，形状不改变

测试结果 Test Result:

1，弯曲次数Number of Bends: 5,322,210 次

2，耐压期间,试样是否被击穿The specimens breakdown for 30 minutes or not : **不击穿**

3，导体电阻是 Conductor resistance: **142.10 / 57.33** Ω/km.

4，外观Exterior：结构不松散，不破皮，形状不改变

结果判定 Judge Result:

☑ 符合规格(Meets Specification)

☐ 不符合规格(Does not Meet Specification)

测试员Tester: 欧阳勇

核准Approval: 张萍