

产品名称: RT系列连接器

Product Name : RT series connector

送 检 单 位 : 安费诺-泰姆斯(常州)通讯设备有限公司

Inspected Unit : Amphenol- TFC (Changzhou) Communication Equipment

Co., Ltd

报告编号: EM170807032R

Report No. : EM170807032R

发送日期 : 2017年08月14日

Delivery Date : Aug. 14, 2017

检 测 机 构 : 深圳信测标准技术服务股份有限公司

Detection Mechanism : EMTEK (Shenzhen) Co., Ltd

机 构 地 址 : 深圳市光明新区光明街道高新路 11 号

Mechanism Address : No.11 Gaoxin Road, Guangming New District, Shenzhen,

Guangdong





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委托单位 : 安费诺-泰姆斯(常州)通讯设备有限公司

Applicant : Amphenol- TFC (Changzhou) Communication Equipment Co., Ltd

地 址 : 江苏省常州市新北区薛家建业路 6-2 号

Address : No.6-2, Jianye Road, Xinbei District, Changzhou, PRC

样品名称 Sample Name : RT 系列连接器 /RT series conector

样品型号 Sample Type : /

样品数量 Sample Quantity : 18PCS

接收日期 : 2017 年 08 月 07 日 Received Date Aug. 07, 2017

检测日期 : 2017 年 08 月 08 日~2017 年 08 月 11 日

Testing Period Aug. 08, 2017 ~ Aug. 11, 2017

检测信息汇总表 Test Summary

| 序号 | 检测项目 | 检测标准 | 检测结论 | |
|-----|-----------|-----------------|-----------------|--|
| No. | Test Item | Test Standard | Test Conclusion | |
| 1 | IP69K | ISO 20653:2013 | 合格 | |
| | | GB/T 30038-2013 | Pass | |

注: Pass: 符合要求; Fail: 不符合要求; N/A: 不评价或仅提供检测结果

Note: Pass: Meet the requirements; Fail: Do not meet the requirements;

N/A: Do not evaluate or provide only test results.

主检:

朱璇

主检工程师

审核:

罗维 审核主管 谨代表深圳信测域准技术服务服份有限公司 核准: 连平 授权签字人2050535353

2017年08月14日





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样品信息 Sample information

| NO. | 壳体 Shell Size | 类型 Type | 料号 P/N |
|-----|---------------|------------|----------------|
| 1 | 10 | Plug | RT06104S*HxSS |
| 2 | 10 | Plug | RT0W6106S*HxSS |
| 3 | 10 | Receptacle | RT00104PK*Hx |
| 4 | 10 | Receptacle | RT0W0106PK*Hx |
| 5 | 12 | Plug | RT06128S*HxSS |
| 6 | 12 | Receptacle | RT00128PK*Hx |
| 7 | 14 | Plug | RT061412S*HxSS |
| 8 | 14 | Receptacle | RT001412PK*Hx |
| 9 | 16 | Plug | RT061619S*HxSS |
| 10 | 16 | Receptacle | RT001619PK*Hx |
| 11 | 18 | Plug | RT061823S*HxSS |
| 12 | 18 | Receptacle | RT001823PK*Hx |
| 13 | 22 | Plug | RT062235S*HxSS |
| 14 | 22 | Plug | RT062238S*HxSS |
| 15 | 22 | Receptacle | RT002235PK*Hx |
| 16 | 22 | Receptacle | RT002238PK*Hx |
| 17 | 24 | Plug | RT062448S*HxSS |
| 18 | 24 | Receptacle | RT002448PK*Hx |
| 19 | 20 | Plug | RT062028S*HxSS |
| 20 | 20 | Receptacle | RT002028PK*Hx |





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1. 检测项目 Test Item: IP69K

1.1 样品编号 Sample No.: EM170807032R001~018

1.2 检测设备 Test Equipment:

| 设备名称 | 型号 | 编 号 | 校准有效截止日期 |
|----------------------------------------|---------|------------|---------------|
| Name | Model | Serial No. | Valid Date to |
| D 探针 D probe | ZLT 104 | ER-049 | 2018.05.02 |
| 沙尘试验箱 Dust Tester | KXT1410 | ER-016 | 2018.06.19 |
| IPX9K 防水试验箱 IPX9K Waterproof Tester | GT 1312 | ER-271 | 2018.07.20 |

- 1.3 实验室温湿度 Laboratory Conditions: 温度 Temperature: 23±2℃; 湿度 Humidity: 50±5%RH
- 1.4 检测标准 Test Standard: ISO 20653:2013; GB/T 30038-2013

1.5 检测条件 Test Conditions:

- 1. IP6X
- 1) 用 φ1mm 的测试探针探测样品缝隙部分,测试用力为 1N。

Use the φ 1mm test probe to detect the sample gap part, the test force of 1N .

- 2)将样品放入装有每立方米 2kg A2 粉尘(亚利桑那粉)的试验箱开始试验,空气/粉尘混合运动 6s,停顿 15min 为一个循环,共进行 20 个循环。 put the samples in a test chamber containing 2kg per cubic meter of A2 dust (Arizona dust) to start the test, air / dust mixing movement 6S, break 15min as a cycle, and carry out 20 cycles.
- 2. IPX9K
- 1)使用 4 个扇形喷嘴,分别在 0°、30°、60°、90°喷水 Use 4 sector nozzles at 0 degrees, 30 degrees, 60 degrees, and 90 degrees to spray
- 2)水流量 Water flow: 15L/min 3)水温 Water temperature: 80℃ 4)转速 Rotation rate: 5r/min
- 5)水压 Water pressure: 8000-10000kPa
- 6)测试时间:每个位置 30s Test duration:30S at each position

1.6 判定基准 Judge Criteria:

1)测试探针不能刺探至样品内部,不能有尘进入;

The test probe and dust can not enter into the sample;

2)样品内部不允许水进入。

No water is allowed into the sample.





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1.7 检测结果 Test Result(s):

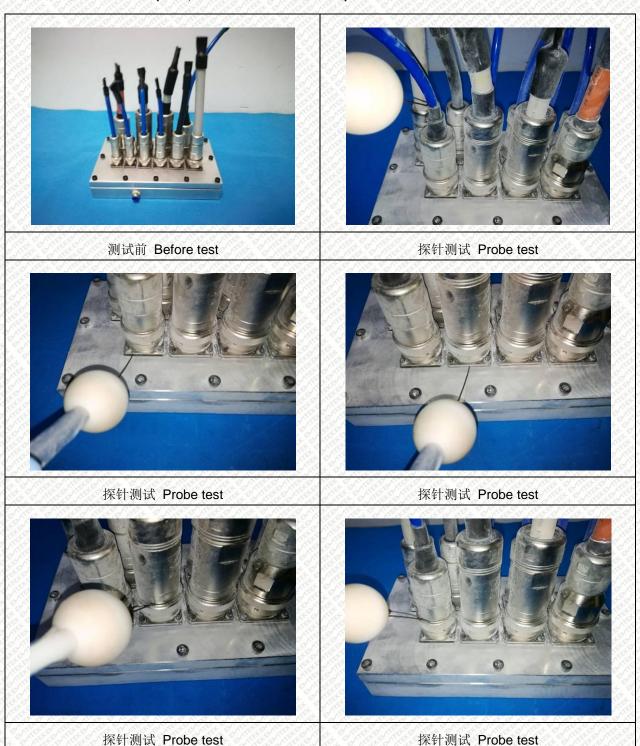
| 样品编号 | 测试项目 | 测试结果 | 判定 |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------|----------------------------------------------------------------------|------------|
| Sample No. | Test items | Test Results | Judge |
| 测试探针未能通过缝隙刺探至测样内部,测试后拆 检样品,内部未见有尘进入。 EM170807032R001~010 IP6X The test probe doesn't pass through the gap to the inside of the sample, and there is no dust inside the sample after test. | | 合格 Pass | |
| EM170807032R011~018 IPX9K | | 测试后拆检样品,样品内部没有水进入。 After test, there is no water into the sample. | 合格 Pass |





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1.8 检测照片 Test Photos(IP6X, EM170807032R001~010)

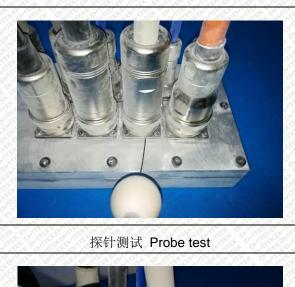






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检测照片 Test Photos(IP6X, EM170807032R001~010)











探针测试 Probe test

探针测试 Probe test





测试中 In test

测试后 After test





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检测照片 Test Photos(IP6X, EM170807032R001~010)



测试后拆检 Check after test

测试后拆检 Check after test





测试后拆检 Check after test

测试后拆检 Check after test





测试后拆检 Check after test

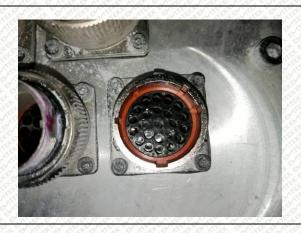
测试后拆检 Check after test





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检测照片 Test Photos(IP6X, EM170807032R001~010)





测试后拆检 Check after test

测试后拆检 Check after test





测试后拆检 Check after test

测试后拆检 Check after test





测试后拆检 Check after test

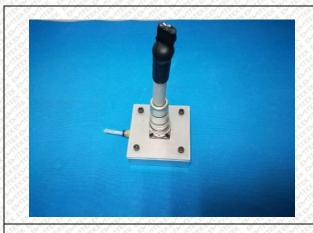
测试后拆检 Check after test





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1.9 检测照片 Test Photos(IPX9K, EM170807032R011)



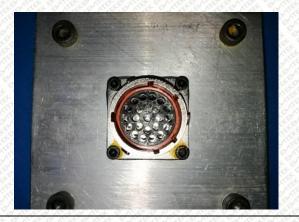


测试前 Before test





测试后 After test



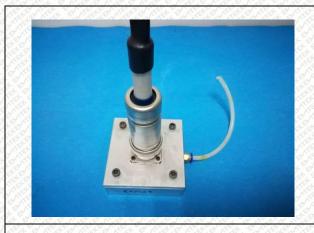
测试后拆检 Check after test





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1.10 检测照片 Test Photos(IPX9K, EM170807032R012)





测试前 Before test

测试中 In test



测试后 After test



测试后拆检 Check after test





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1.11 检测照片 Test Photos(IPX9K, EM170807032R013)





测试前 Before test





测试后 After test



测试后拆检 Check after test





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1.12 检测照片 Test Photos(IPX9K, EM170807032R014)





测试中 In test



测试后 After test



测试后拆检 Check after test





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1.13 检测照片 Test Photos(IPX9K, EM170807032R015)





测试前 Before test

测试中 In test



测试后 After test



测试后拆检 Check after test





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1.14 检测照片 Test Photos(IPX9K, EM170807032R016)





测试前 Before test





测试后 After test



测试后拆检 Check after test





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1.15 检测照片 Test Photos(IPX9K, EM170807032R017)





测试前 Before test





测试后 After test



测试后拆检 Check after test





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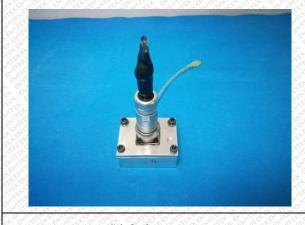
1.16 检测照片 Test Photos(IPX9K, EM170807032R018)



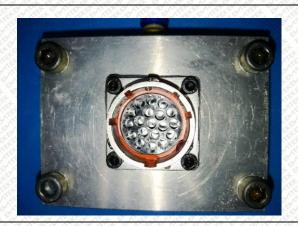


测试前 Before test

测试中 In test



测试后 After test



测试后拆检 Check after test

*** 报告结束 *** *** End of Report ***

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 Samples submitted for testing are accepted on the understanding that the Report issued cannot form the basis of, or be the instrument for, any legal action against the Company.
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