



W01804150034E



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检测报告

Test Report

产品名称: Attached Secondary Cable
Name of Sample Connector

型号规格: STYLE 4
Type

委托单位: Airsafe Airport Equipment Co.,
Applicant Ltd.

检测类别: Entrusted
Test Purpose




上海市质量监督检验技术研究院
Shanghai Institute of Quality Inspection and Technical Research

Shanghai Institute of Quality Inspection and Technical Research Test Report

Number: W01804150034E

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Name of Sample	Attached Secondary Cable Connector		Test Purpose	Entrusted
Type	STYLE 4		Trade Mark	Airsafe
Grade	Qualified			
Applicant	Airsafe Airport Equipment Co., Ltd.			
Tested Company	Airsafe Airport Equipment Co., Ltd.			
Producer	Airsafe Airport Equipment Co., Ltd.			
Number of Client	W01804150034E	Entrusting/Sampling Date	2017-2-20	
Reception Date	2017-2-20	Sampling Spot	/	
Sample Quantity	6pcs	Sum of Sample	/	
Date of Production	/	Original Number	/	
Situation of Sample	intact			
Testing Place	No.900,Jiang Yue Road,Min Hang District,Shanghai			
Test Standard / Judgment Rules	AC 150/5345-26D - FAA SPECIFICATION FOR L-823 PLUG AND RECEPTACLE, CABLE CONNECTORS			
Date of Testing	2017-2-20 to 2017-5-5			
Conclusion	<p>The test report only offers the single testing conclusion. Please see the results of this report.</p> <div style="text-align: center;">  <p>(Test Report Badge) Issued Date: 2018-12-24</p> </div>			
Client's Message	Add.	No. 38 Anxin Road, Jiading District, Shanghai, China		
	Zip Code	201808	Tel.	15901656753
Remarks	<p>1. The test data in this report is from the report W01712350014-Y.</p> <p>2. The test report has two description, one in Chinese, the other in English. The Chinese one is in priority.</p> <p>3. Inspection and test reports and certificates without the qualification identification mark (CMA) do not have the function of proving to the society.</p>			

Approved by: 杨越
高级工程师

杨越

Checked by:

李妹

Tested by:

林燕子

Test Report

Test Result Pages in Detail

Item	Clause	Requirement - Test	Result	Verdict	Remark
1	Fabrication and Materials	Sockets must have a means that protects the sockets slots from filling with insulating compound during molding. The pin surface is clean.	Pass	Accord with the test standards	/
		Each receptacle must be equipped with a disposable sleeve, a disposable pin and a disposable shipping cap.	Pass		
		For Class B Type I and Type II, an adequate amount of silicone insulating compound must be furnished with each connector to insure filling all internal voids when the connector is assembled.	Pass		
		Pins and sockets must be held perpendicular to the face of the block.	Pass		
		Installation instructions must be furnished by the manufacturer with each Class B connector.	Pass		
		Marking	Style number		
	Manufacturer's identification	Airsafe			
2	Dimensional inspection	Each plug and receptacle (cable connector), must be per the dimensions and construction requirements shown on the applicable figures in Appendix I. STYLE <u>4</u>	Pass	Accord with the test standards	/
3	Resilience check of Type II plugs	With a force of 6 pounds (27 N) applied 1/2 inch (12.7 millimeters) out from the face of the plug,	the space between the pins of Type II plugs must not be less than 1/8 inch (3 mm) when the pins are pinched together.	Pass	Accord with the test standards
			the space between the pins of Type II plugs must not be greater than 9/16 inch (14.3 mm) when the pins are pulled apart	Pass	

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Test Result Pages in Detail

Item	Clause	Requirement - Test		Result	Verdict	Remark
4	Electrical Test	Plugs and Receptacles Dielectric Tests	Each connector receptacle immersed in a tap water bath, after 24 hours soaking period, the resistance measurements with a 500-volt source must be taken 1 minute after a test voltage of <u>4.7</u> kV dc has been applied for 5 minutes. The resistance between conductor(s) and water or metal shielding layer ≥ 25000 (M Ω)	>500000	Accord with the test standards	/
			The resistance between conductors ≥ 25000 (M Ω)	>500000		
		Connector Assembly Dielectric Tests	Plug and receptacle left immersed in a tap water bath, after 24 hours soaking period, the resistance measurements with a 500-volt source must be taken 1 minute after a test voltage of <u>4.7</u> kV dc has been applied for 5 minutes. The resistance between conductor(s) and water or metal shielding layer ≥ 25000 (M Ω)	>500000	Accord with the test standards	/
			The resistance between conductors ≥ 25000 (M Ω)	>500000		
			Heat the tap water to 149° F (65°C) without removing the assemblies and maintain this temperature for at least 1 hour. Measure the resistance with a 500-volt source. The resistance between the conductor(s) and water ≥ 10000 (M Ω)	>500000		
			The resistance between conductors ≥ 10000 (M Ω)	>500000		
		Electrical Connection Test	The voltage drop (mV) across the contacts of a connected plug and receptacle must not exceed 7.5 millivolts (mV) for the Type I connectors and must not exceed 6.0 mV for the Type II connectors. Type <u>II</u>	4.8	Accord with the test standards	/



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Test Result Pages in Detail

Item	Clause	Requirement - Test	Result	Verdict	Remark
5	Bond Test	The molded bond between cable and Class A connector must be subjected to a static longitudinal pull load of at least 30,000 pounds per square inch (psi) (207 Megapascals (MPa)). No damage must occur. _____ N	-	Not apply to the test object	/
6	4.2.4 Mechanical Connection Test	Each connected plug and receptacle must withstand a static pull load of 10 pounds (44 N) without showing evidence of separation.No damage must occur to the mating components when the connected plug and receptacle are separated by a greater static pull load.	Pass	Accord with the test standards	/
7	Metal Bond Test	Class A assemblies must have their connector plug and receptacle placed in water, with 20 psi air pressure applied from the free end of the cable, for 10 minutes. There must be no air bubbles emanating from the assembly observed in the water.	-	Not apply to the test object	/



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Test Result Pages in Detail



STYLE 4
Airsafe

Blank

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- 4、 报告涂改无效。

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