



昆山百澜电子有限公司

Kunshan Blue Line Electronics Co.,Ltd.

产品规格书 Product Specification

Blueline P/N:L01-01000-04

Description: SMA MALE TO MHF 1

Date: 2019.05.15

APPD

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2019. 5. 15

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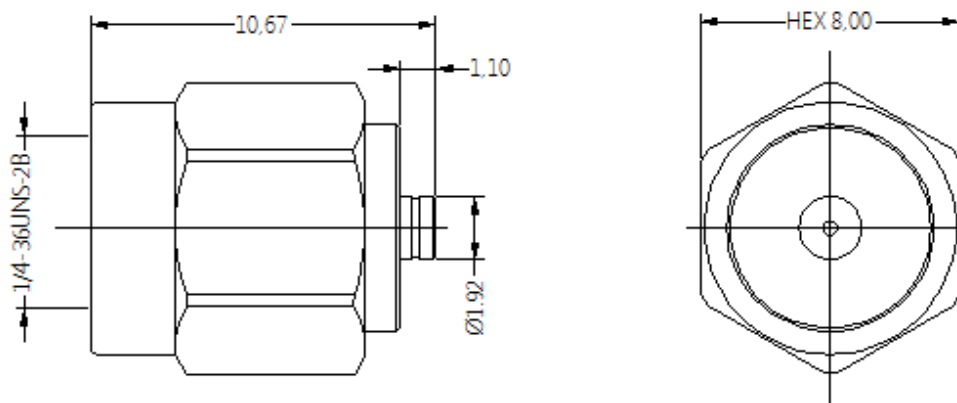
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1.SCOPE 范围

This product specification defines the product performance and the test methods to ascertain the performance of the SMA TO MHF 1, which is designed and manufactured by Kunshan Blue Line Electronics Co.,Ltd

本产品规范规定了昆山百澜电子有限公司设计制造的用于确定 SMA 至 MHF 1 性能的产品性能和试验方法。

2.PRODUCT DIMENSION 产品尺寸



3. PERFORMANCE AND TEST DESCRIPTION

性能与测试描述

3.1. REQUIREMENT 要求

Product is designed to meet electrical, mechanical, and environmental performance requirements specified in **Table I**.

产品设计满足表1中规定的电气、机械和环境性能要求。

3.2. TEST CONDITION 试验条件

Unless otherwise specified, all tests shall be performed at ambient environmental conditions:

3.2.1 Temperature: -40℃~+100℃

3.2.2 Humidity: 60±15% RH.

3.2.3 Atmospheric Pressure: 650 mm to 800 mm Hg

除非另有规定，所有试验应在环境条件下进行：

3.2.1温度：-40℃~+100℃

3.2.2湿度：60±15%相对湿度。

3.2.3大气压力：650 mm至800 mm Hg

3.3. SAMPLE SELECTION样品选择

Test samples shall be selected at random from current production.
No test samples shall be reused. Each group shall be containing 5 test samples

试验样品应从当前生产中随机抽取。不得重复使用任何试验样品。每组应包含5个试样。

4. QUALITY ASSURANCE PROVISIONS质量保证规定

Blue Line is responsible for the quality of the part as it is delivered to customer. The failing lots will be return or other supplier action.

百澜负责将零件交付给客户时的质量.失败的批次将被退回或供应商采取其他行动。

5. TECHNICAL PARAMETERS技术参数

5.1	Voltage quota	250 VRMS
5.2	Operate Temperature	-40℃~+85℃
5.3	Insulator resistance:	5000megohms (minimum)
5.1	电压定额值	250 VRMS
5.2	工作温度	-40℃~+85℃
5.3	绝缘体电阻	5000megohms(最小值)

6. ELECTRIC PERFORMANCE电气性能

电压驻波比 VSWR	DC-3GHz	≤1.2
	DC-6GHz	≤1.3
插入损耗 INSERTION LOSS	DC-3GHz	≤0.3dB
	DC-6GHz	≤0.35dB

7. Material Science材料

TITLE 名 称	MATERIAL 材料	SURFACE 表面
BODY 主体	STAINLESS STEEL 不锈钢	PASSIVATION 钝化
SHELL 外壳	STAINLESS STEEL 不锈钢	PASSIVATION 钝化
INSULATOR 绝缘子	PTFE 聚四氟乙烯	N/A
CONTACT PIN 中心针	BERYLLIUM COPPER 铍铜	GOLD 镀金
RETAINER RING 卡簧	PHOSPHOR COPPER 磷铜	N/A
GASKET 胶圈	SILICONE RUBBER 硅橡胶	RED 红色

8. PACKING包装

Every 5PCS product is put into 1PC self-sealing bag, put in 1PC desiccant, seal and affix 1PC label.

每5PCS产品放入1PC自封袋中,在放入1PC干燥剂,并封口.并贴上1PC标签





昆山百澜电子有限公司
Kunshan Blue Line Electronics Co.,Ltd.

料号:L01-01000-04

品名:SMA MALE TO MHF 1

Table I: Performance Requirements

表一：性能要求

9. APPEARANCE REQUIREMENTS

外观要求

Items 项目	Description 描述	Test Conditions 试验条件	Result 结果
9.1	Visualand dimensional Inspections 目视和尺寸检查	Visual dimensional and functional per applicable quality inspection plan GB 11313,11and12 外观和尺寸符合适用的质量检验计划 GB 11313,11 和 12	Meets requirements of product drawing, nophysical damage. 符合产品图纸要求，无物 理损伤。

10. ELECTRICAL PERFORMANCE

电气性能

10.1	Contact Resistance 接触电阻	External conductor <2.5mohm Inner conductor < 3.0 Mohm 外导体≤2.5mohm 内导体≤3.0mohm	Meets requirements of product drawing 符合产品图纸要求
10.2	VSWR 电压驻波比	DC-3GHz ≤1.2 DC-3GHz ≤1.3	Meets requirements of product drawing

			符合产品图纸要求
10.3	INSERTION LOSS 插入损耗	DC-3GHz ≤0.3dB DC-6GHz ≤0.35dB	Meets requirements of product drawing 符合产品图纸要求
11. MECHANICAL PERFORMANCE 机械性能要求			
11.1	Durability 耐久性	SMA End (> 500 times) Test head (> 3000 times) SMA 端≥500 次 测试头端≥8000 次	Meets requirements of product drawing 符合产品图纸要求
11.2	Salt spray test 盐雾试验	1. Saturated air barrel temperature (constant temperature): 46 + 2 degree C 2. Laboratory Temperature (Constant Temperature): 35 + 2 degree C 3. Solubility of sodium chloride solution: (5+0.1)% 4. PH: 6.5-7.2 5. Compressed air (kgf/cm2):1 6. spray volume (ml/80cm2/h): 1.0-2.0 7.Time: 24H 1. 饱和空气桶温度（恒温）：46±2° C 2. 实验室温度（恒温）:35±2° C 3. 氯化钠溶液溶度:(5±0.1)% 4. PH值： 6.5-7.2 5. 压缩空气（kgf/cm2）： 1 6. 喷雾量（ml/80cm2/h）： 1.0-2.0 7. 时间： 24H	Meets requirements of product drawing 符合产品图纸要求

