

产品规格承认书

Product specifications acknowledgment

承认厂商:			
(Recognized manufacturers)			
制造厂商:	深圳市蝙蝠无线技术有限公司		
(Manufacturer)			
产品名称:	MMCX-KE 天线连接座		
(Description)			
产品选型表:			
(Product Type)			
型号	说明	备注	
BWMMCX-KE	母头内孔	可搭配线端使用	
供应商承认签栏			
ملت علم المارات			
制表者	审核者	核准者	
	客户承认栏		
审核者		核准者	
			

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1.1 Specifications

111 Specifications		
型号 Antennas Type	BWMMCX-KE	
阻抗 Impendence (Ω)	50Ω	
电压驻波比 V.S.W.R	<1.2+0.02f (GHZ)	
频率范围 Frequenc Range(MHz)	0-6G(软电缆)	
工作电压 DC Voltage (V)	335V max	
介质耐压 Withstand Voltage(V)	750Vrms	
接触电阻 Contact resistance()	内导体 5mOhm 外导体 2.5mOhm	
绝缘电阻 Insulation resistance	1000 兆欧	
插入损耗 Insert Loss	0.15dB(6GHz)	
射频泄漏 RF leakage	-60dB/-90dB(软电缆/半刚电缆)@2-3GHz	
耐用性 Durability(mating)	500 次	
壳体 shell	磷铜镀硬金	
插针 contact pin	黄铜镀硬金	
插孔 socket	铍青铜镀硬金	
绝缘体 insulator	聚四氟乙烯	
重量 Weight(g)	None	
工作温度 OperatingTemperature(°C)	-40~+125 (PE CABLE-40~+85)	

1.2 Antenna Picture



上图型号: BWMMCX-KE

(可定制)

*注: 因天线功能较为敏感,主体周边机构有变更请通知我们评估。

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2. Electrical Specification

2.1 Test Equipment

A. VSWR and input impedance: Agilent 8753/E5071 Network Analyzer

B. Antenna gain and efficiency: ETS three-dimensional anechoic chamber

2.2 Test Setup

2.2.1 Frequency Range

2.2.2 VSWR

Step 1: The antenna is arranged on the customer provided test fixture.

Step 2: The VSWR of the antenna is measured via Agilent 8720/8753 Network Analyzer (see figure. 1).



Figure.1

2.2.3 Radiation pattern and Gain

- A. The 3D chamber provides less than -40dB reflectivity from 800MHz to 6GHz and a 40cm diameter spherical quiet zone. The measurement results are calibrated using both dipoles and standard gain horns (see figure. 2).
- B. The antenna under tested is arranged in the turned table and a decoupling sleeve is used to reduce feed line radiation (see figure. 3).
- C. The measured results of the radiation patterns and antenna gain are obtained from the control system and showed on the monitor (see figure. 4 and 5).

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Figure.2

Figure.3





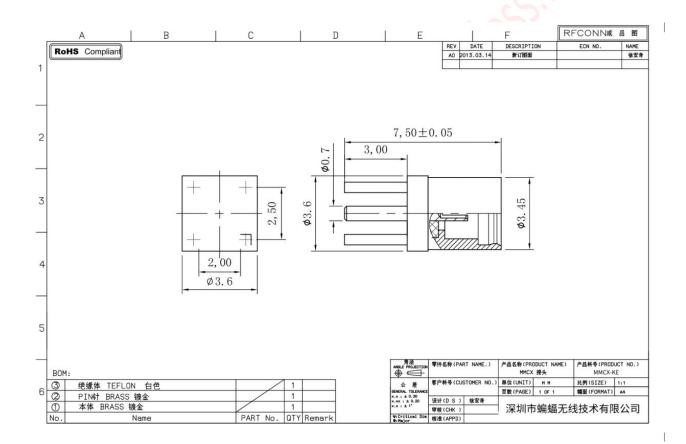
Figure.4 Figure.5

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4.Mechanical Specification

4.1 Assembly Drawing



5.免责声明 (Disclaimer):

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