

Shem zhen hongxin technology electronics Co.Ltd

SPECIFICATION FOR APPROVAL

Name of the company : _____

Name of an article : 2.4G&5.8G FPC antenna

Material code : HX-FPC25-4510-200B1

Customer item number: _____

Specifications : See the specification

Date : 2024-06-13

Customer countersignature:

Department of Engineering	Quality department	Approve

Shem zhen hongxin technology electronics Co.Ltd:

Department of Engineering	Quality department	Approve
Zhuang wei feng	Zhang huan	Liu lu

一：天线参数

Design Specifications	Typical	Units
天线形式(Antenna form)	FPC antenna	
工作频率 (working Frequency)	2400-2500/5000-5800	MHZ
增益(Gain)	3	DBi
天线效率 (Antenna efficiency)	35~80	%
电压驻波比 (VSWR)	<1.8	
极化方式 (Polarization)	vertical polarization	
辐射方向 (Radiation pattern)	omnidirection	
馈电阻抗 (impedance)	50	ohm
功率容量 (Power handling)	33	dbm
天线接口 (Interface)	IPEX 1	
天线尺寸 (Overall dimensions)	45*10	mm
重量 (Weight)	No requirement	
工作温度 (Operatin Temp)	-30-70	°C
储存温度 (Storing Temp)	-30-70	°C

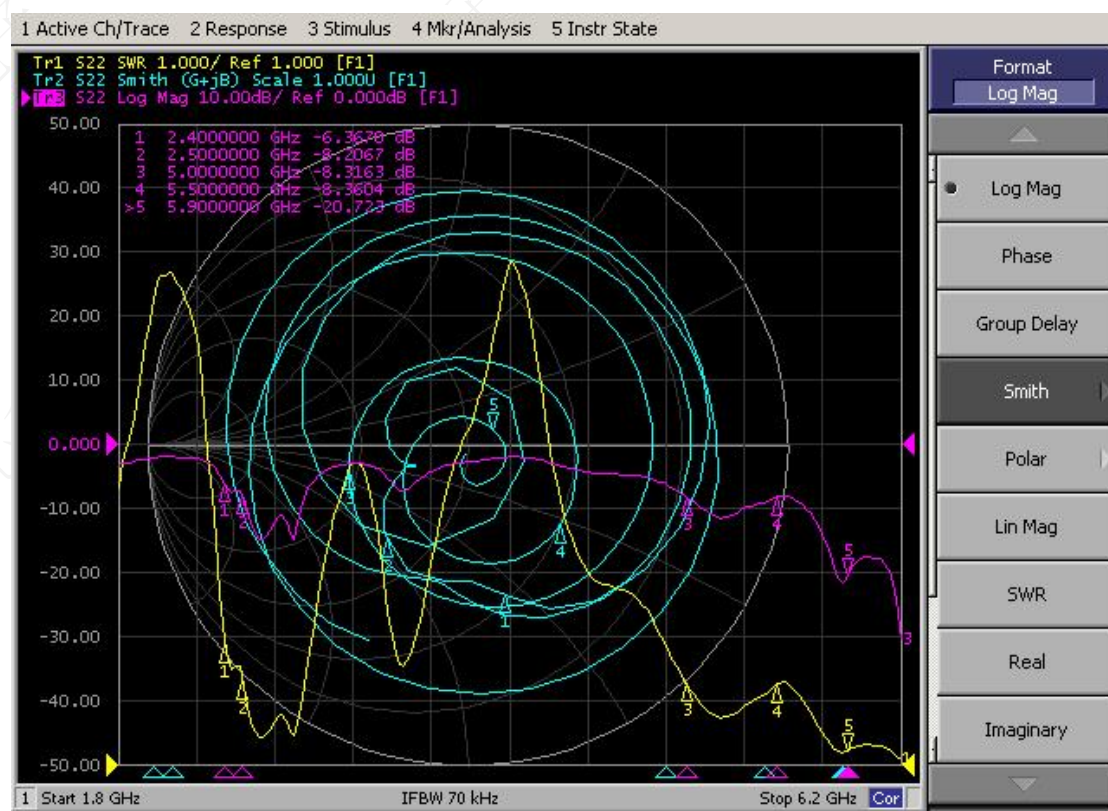
二: Antenna physical diagram



Fill: 1.The antenna parameters are tested according to the simulated environment, and there will be performance deviations for different products.

2.The function of the antenna is sensitive. Please inform us to evaluate if there is any change in the peripheral structure of the main body.

三: VSWR (电压驻波比) /Return Loss (回波损耗) /Smith Chart (史密斯圆图)

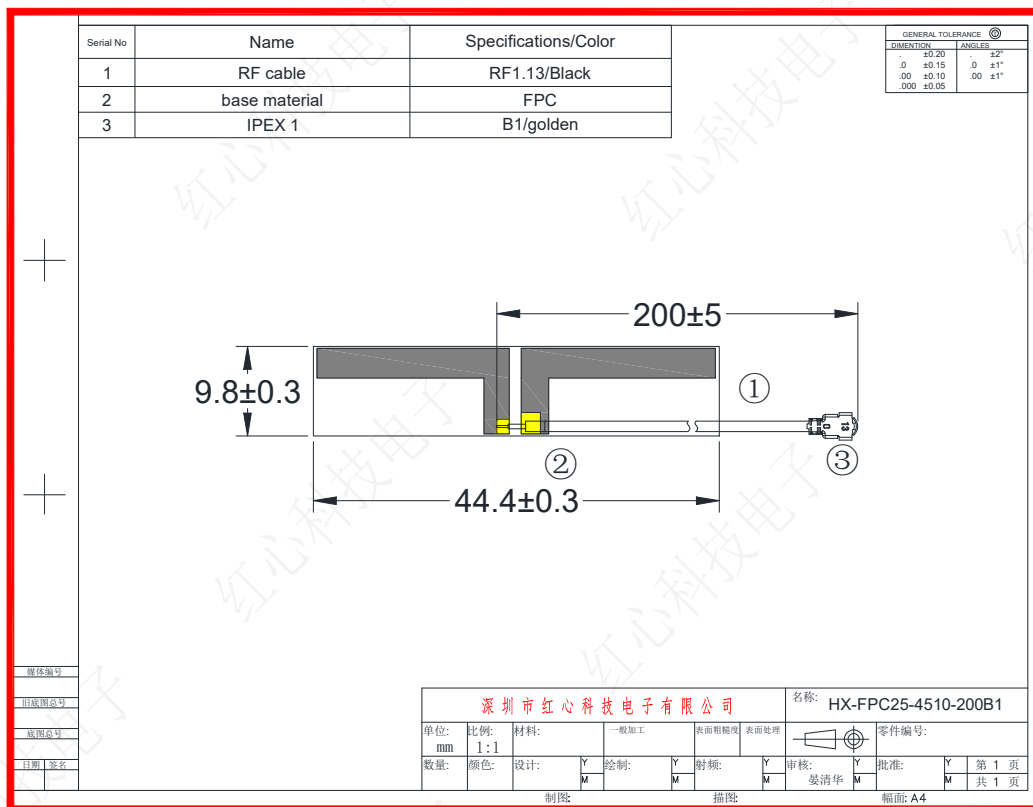


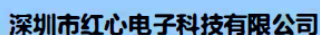
四: Storage environment

Working temperature: -30 to 70°C

reserve temperature: -30 to 70°C

五: Dimensions





辛丑

