



Date 10/17/2025

Version No. A

深圳市海德门电子有限公司

Shenzhen Haideman Electronics Co., LTD

产品规格书

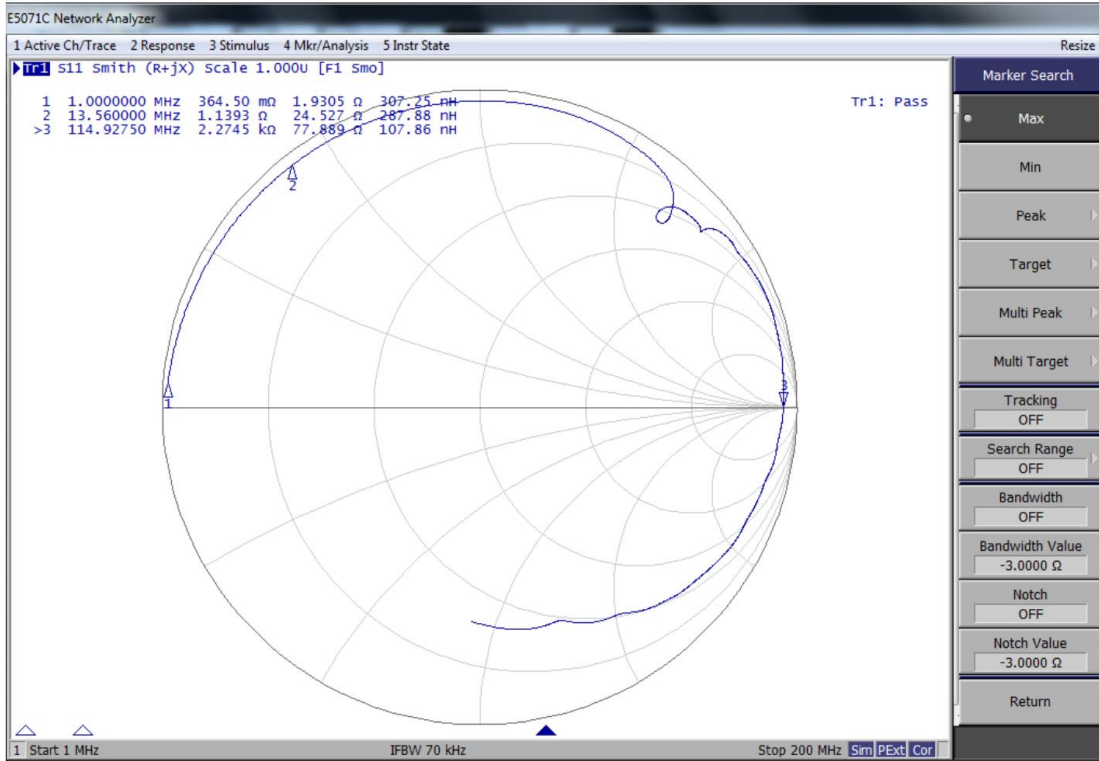
PRODUCT SPECIFICATION

客户 Customer	商米
产品料号 Product Material Code	TFPD02F23400011
工作频段 Working Band	13.56MHz
发行日期 Issue Date	2025-10-17
发行版本 Release Version	A
作者 Author	彭涛

1 产品图片 (Product picture)



2 产品电性能参数 (PRODUCT ELECTRICAL PERFORMANCE PARAMETE



1. 电气规格要求 Electrical Specification Requirements

测试项目 testing project	测试环境 Test Environment	商米 SM08				
		Min	Typ	Max	Units	Notes
芯片类型 chip Type	-	-	NXP	-	-	NXP
天线频率 antenna Frequency	-	-	13.56	-	MHz	-
天线电感 (单天线) antenna Inductance	1 MHz	0.24	0.307	0.36	μH	±3%
天线电阻 (单天线) antenna Resistance	1 MHz	0.28	0.36	0.43	Ω	±20%

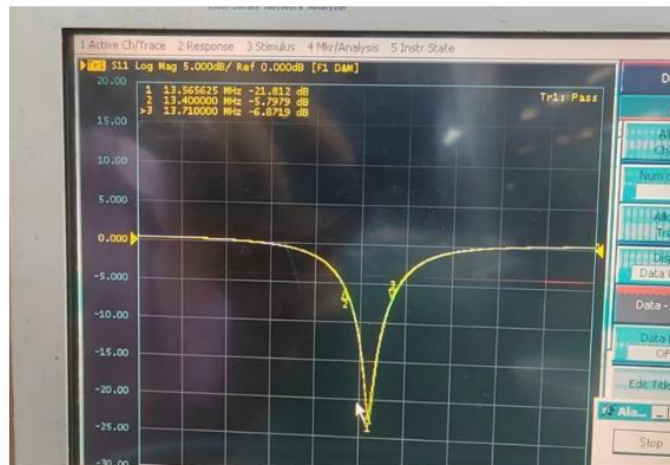
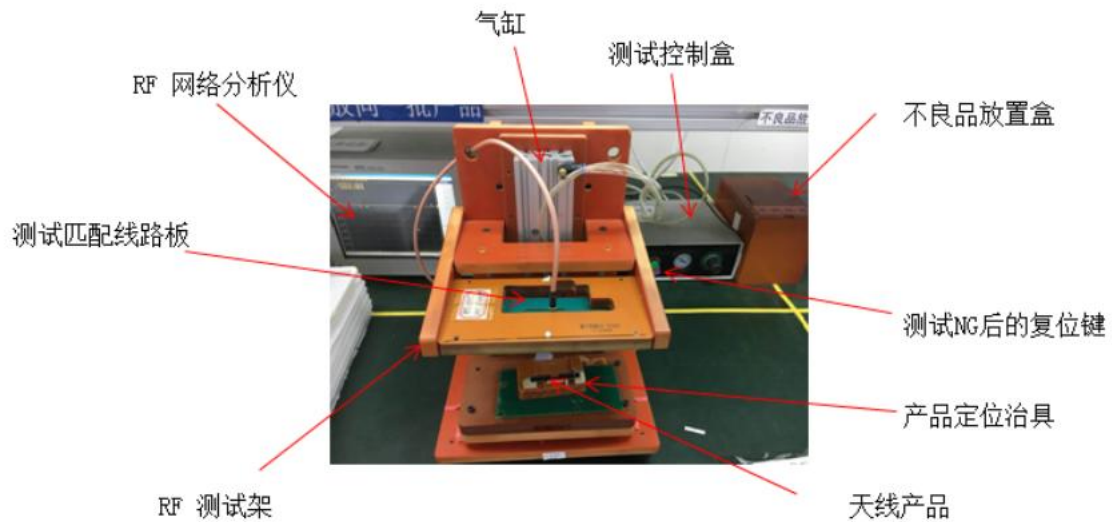
LCR 管控

管控范围: 1MHz 下电感: ±3%
1MHz 下电阻: ±20%

S11 管控

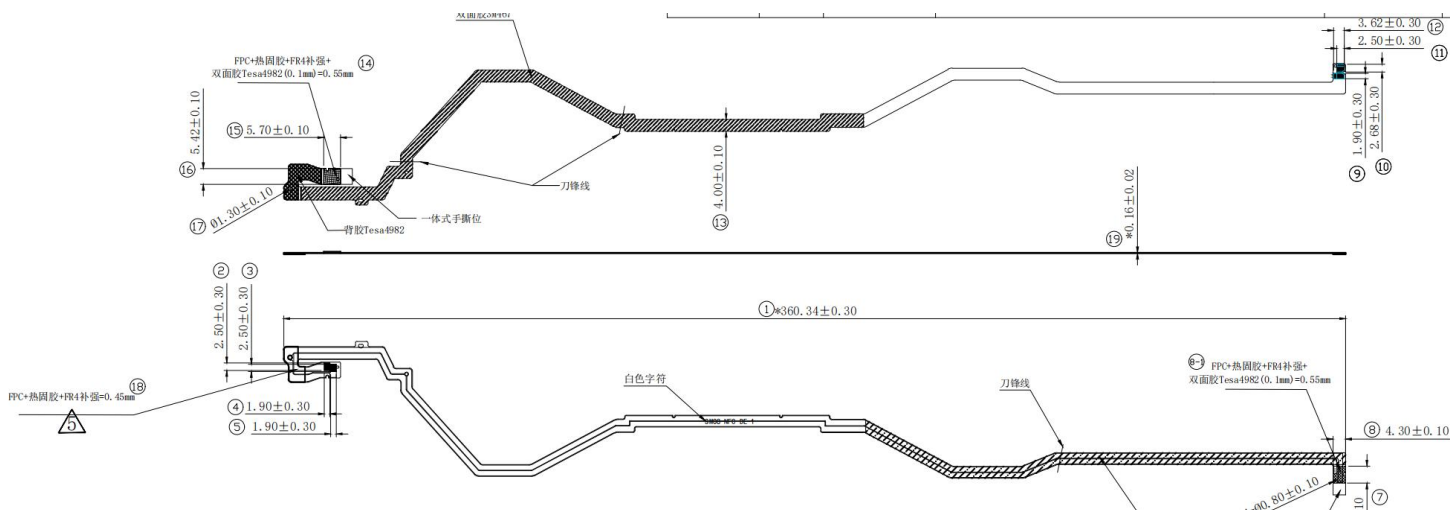
管控范围: 13.56±0.15MHz

S11 管控方式



管控范围：最低频点±0.15MHz

3 产品尺寸 (Product dimensions)

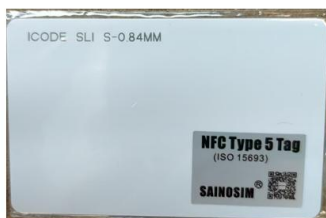


4 整机性能 (product performance)

tag 2	72mm
tag 2 (Ultralight AES)	70mm
tag 2 (Ultralight EV1)	70mm
tag 2	76mm
tag 2	25mm
tag 2 (Type 2 NTAG213)	78mm
tag 3	45mm
tag 4	46mm
tag 4B	40mm
tag 4	55mm
tag 4 (NTAG424 DNA)	81mm
tag 4 (MIFARE DESFire 8K)	45mm
tag 5	120mm
tag 5 (I CODE SLI-X)	90mm
tag 5 (I CODE SLI-X2)	100mm



Tag 5 (ICODESLIX2)



Tag 5 (ICODESLI-O.84MM)



Tag 5 (ICODESLI-X)



Tag 1 (ISO 14443A)



Tag 2 (ISO 14443A)



Tag 2 (Ultralight AES)



Tag 2 (NTAG213)



Tag 2 (UltralightEV1)



Tag 3 (ISO 14443A)



Tag 4 (ISO 14443A)



Tag 4 (4 14443B)



Tag 4 (MIFAREDESFinre8k)



Tag 4 (NTAG424DNA)