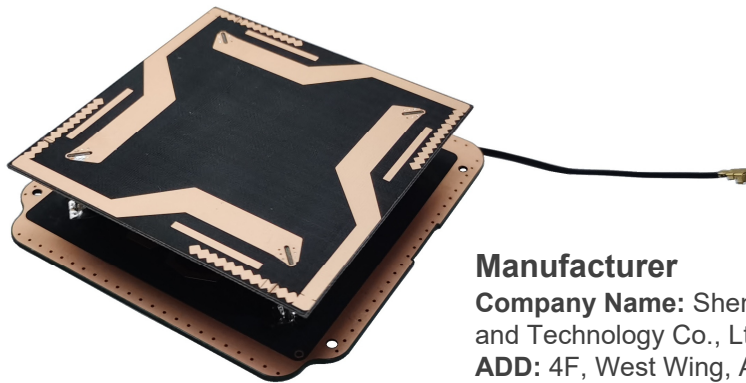


RFID Handheld Reader

UHF RFID Antenna

(US)

**Manufacturer**

Company Name: Shenzhen RoyalRay Science and Technology Co., Ltd.
ADD: 4F, West Wing, A1 Building, Xiufeng Industrial Park, No.2 Xiufeng Road, Jihua Street, Longgang District, Shenzhen, P.R.C.

Model: RR-UANT-FAS7-SQ91US

Size: 70mmx70mmx13.8mm

GENERAL DESCRIPTION

RR-UANT-FAS7-SQ91US is a high performance UHF RFID antenna. It can be widely applied in many RFID hardware such as handheld reader, tablet PC in RFID application systems logistics, access control, anti-counterfeit and industrial production process control system.

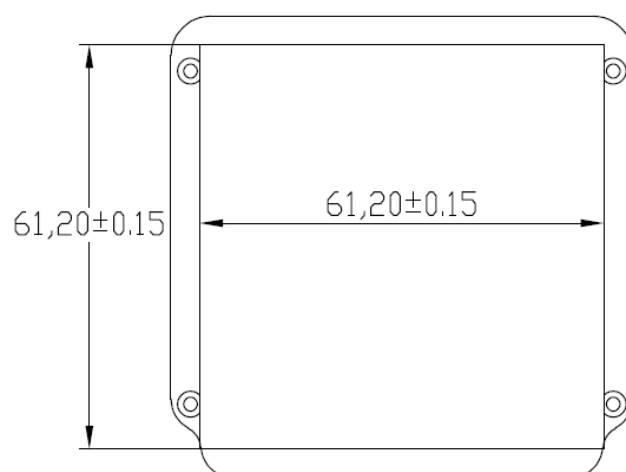
ABSOLUTE MAXIMUM RATING

ITEM	SYMBOL	VALUE	UNIT
Operating Temp.	T _{OPR}	-20~+65	℃
Storage Temp.	T _{STR}	-35~+70	℃

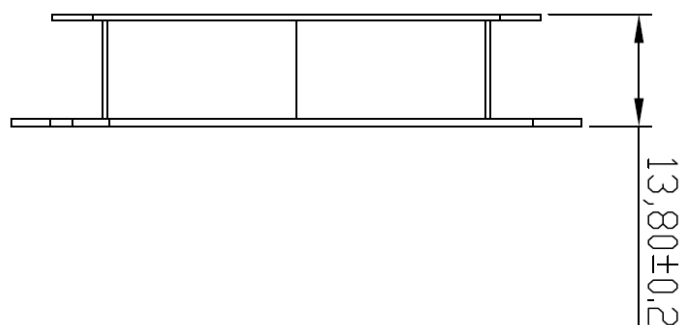
SPECIFICATIONS

ITEM	COMMENT
Frequency range	902 ~ 928 MHz
Gain	3.5 dBi
Polarization	RHCP
V.S.W.R	≤ 1.2 (typical)
Axial Ratio	1.3~1.6 dB
Nominal Impedance	50 Ω

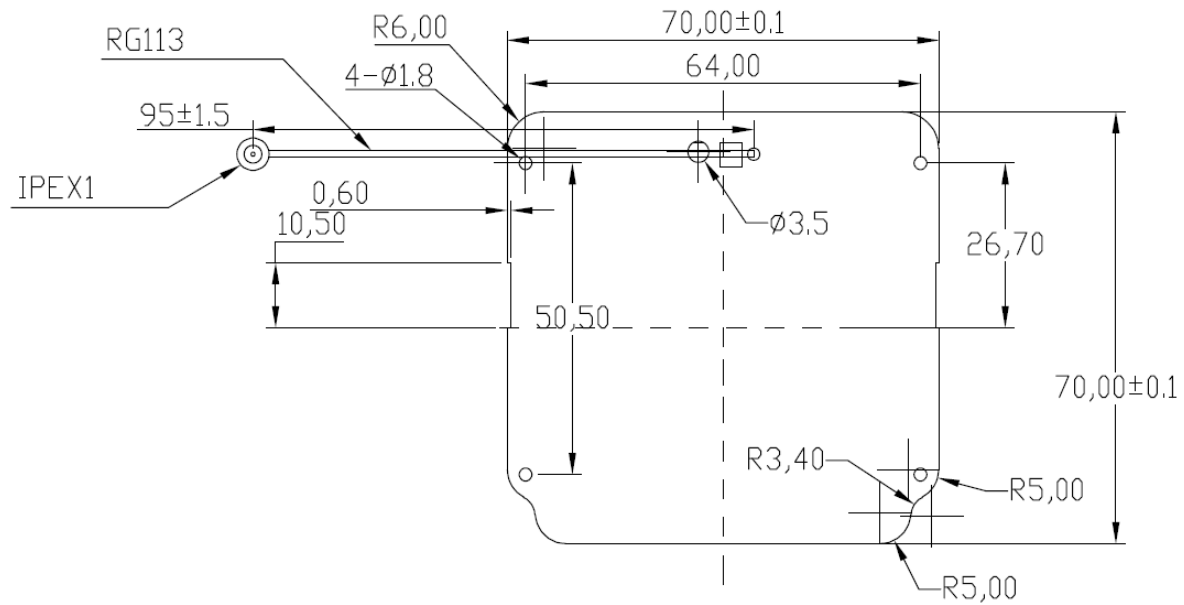
INSTALLATION SPECIFICATIONS (unit: mm)



FRONT (Tolerance details refer to the drawing)



SIDE (Tolerance details refer to the drawing)



BACK (Tolerance details refer to the drawing)

RADIATION PATTERN

