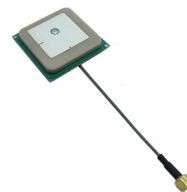


UHF RFID Antenna



ARRKP4065-S915A

40.0 x 40.0 x 6.5mm
RoHS/RoHS II Compliant
MSL = 1

FEATURES

- 902 ~ 928 MHz frequency range
- Gain of 1.5 dBi
- VSWR \leq 2.0
- Easy to install
- RF Cable and Connector
- RoHS Compliant

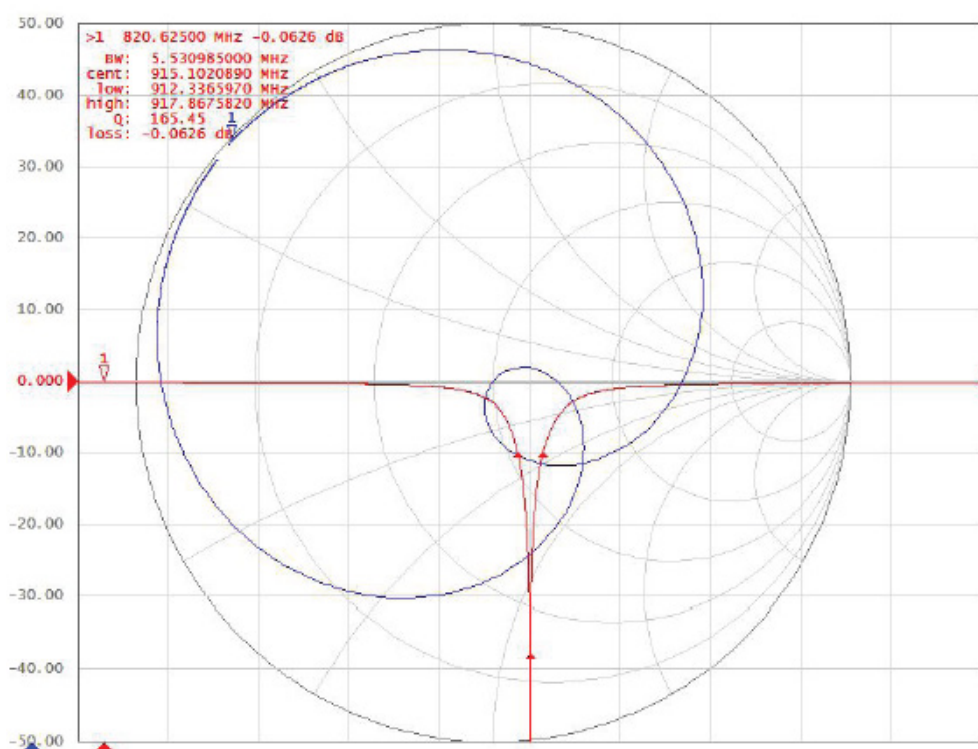
APPLICATIONS

- Industrial automation
- Smart Cards
- Asset Management
- Manufacturing
- Field Mobility
- Transportation

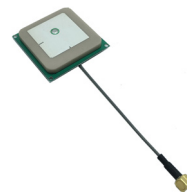
ELECTRICAL SPECIFICATIONS

Parameters	min	Typ.	Max.	Units	Note
Center Frequency	915			MHz	
Frequency range	902		928	MHz	
V.S.W.R			2.0		
Bandwidth @-10dB	6			MHz	
Impedence	50				
Gain		1.5		dBi	Based on 40×40mm ground plane
Polarization	RHCP				
Axial Ratio	3				
Operating Temperature	-40		+85	°C	10% ~ 95% RH
Storage Temperature	-45		+85	°C	10% ~ 95% RH

SMITH CHART



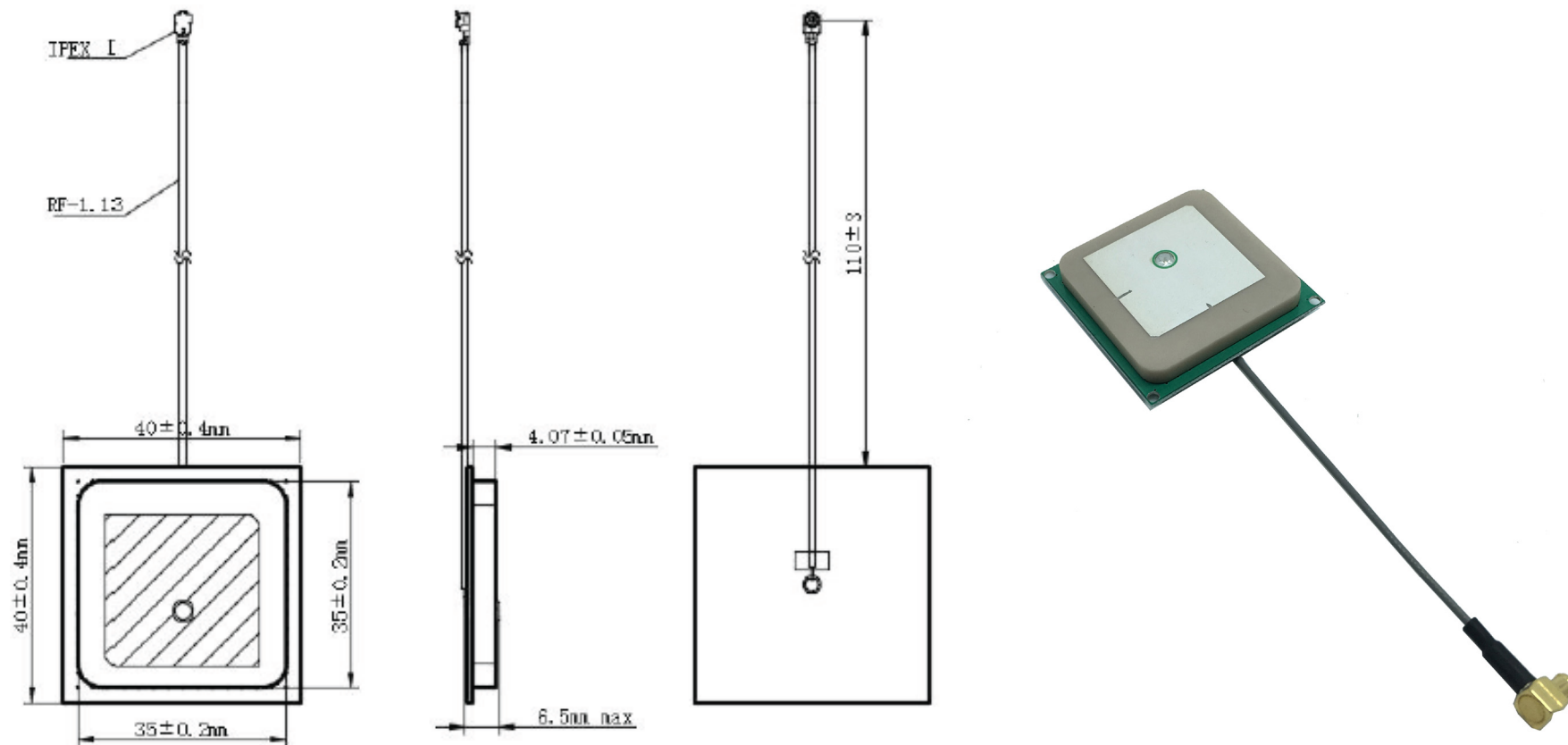
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OUTLINE DIMENSIONS



Unit: mm

Description	Material
Antenna Type	Dielectric Ceramics 35x35x4mm
PCB	FR4, 40 x 40 mm
RF Cable	RF Micro Coax, Φ 1.13 mm, L1=110±3mm (edge of PCB to connector)
RF Connector	IPEX
Thickness	6.5mm Max