

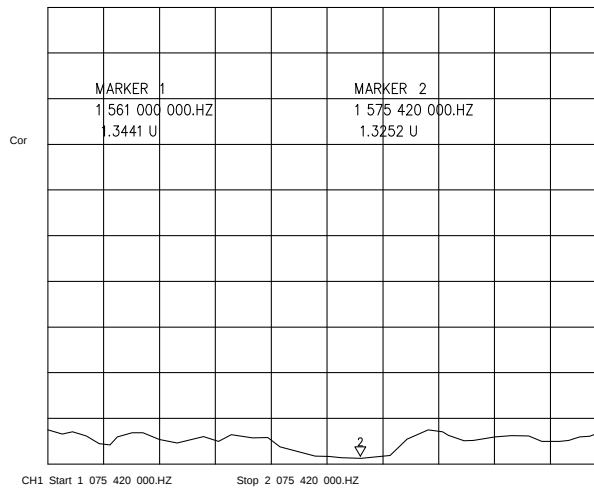
Rev	Instruction	Audit	Date	Approve	Date

Description Of Component Material And Process:

No.	Material Name	Product Description	Amount
1	Antenna Element	Ceramics	1
2	Installation Method	Foam Rubber In Magnet (18*2)	1
3	Cover	Ø50*56mm ABS Black	1
4	Cable	RG174 Coaxial Cable 50ohm Black	1
5	Connector	SMA J	1
6	H.S Ture	Heat Shrink Tube	1

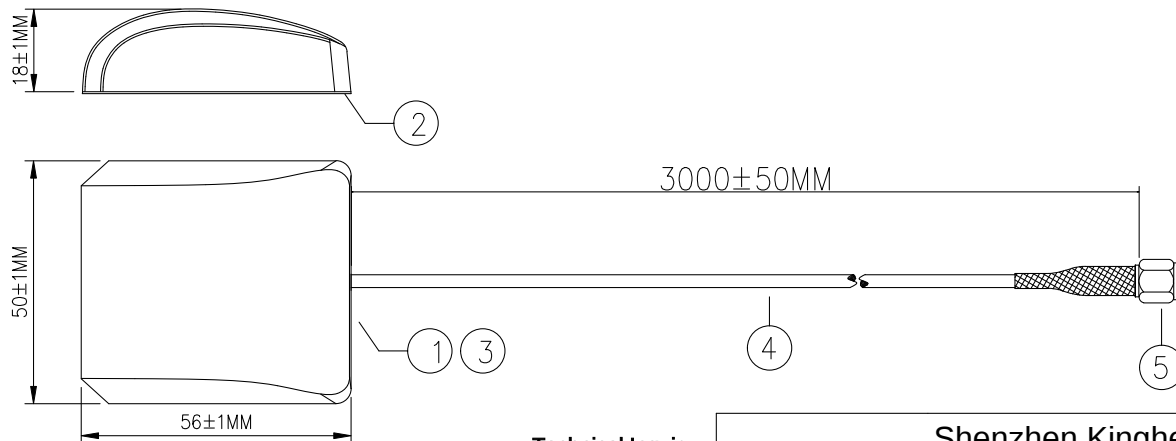
CH1 A/R SWR
REF 1.000 U

MKR 1: 1.3252 U
1.000U/ 1575420000.HZ



Main Technical Specifications

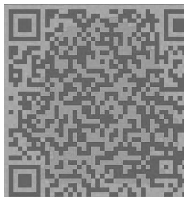
Model Type	YG-GPS-BD-SMA-3M-5056
Frequency Range	GPS1575.42mhz BD 1561.098+2.046Mhz
Band Width	10MHz
Axial Ratio	≤ 4 DB
V.S.W.R.	≤ 1.8
Gain	Dielectric 4DB LNA 25DB
Impedance	50ohm
Polarization	RHCP
Noise Figure	1.5 DB
DC Voltage	3-5V
DC Cuttent	≤ 25mA
Boundary Dimension	50MM*56 MM*18MM
Cable	RG174-3000MM
Connector	SMA-J
Working Temp.	-40°C~80°C
Way To Install	Magnet



Remark:

- 1.The dimensions marked in the diagram are critical dimensions for IQC.
- 2.Each component assembly must be firm and reliable.
- 3.Finished product signal parameters must meet specified values.
- 4.Products must be packed according to requirements and should not show obvious deformation or compression during transportation.
- 5.Material and process specifications cannot be changed without confirmation from AFC Company.

Technical Inquiry



Shenzhen Kinghelm Electronics Co., Ltd

The Production Line Tolerance		Draw	HYWU	Date: 2020.06.17	Unit: mm	Rev: A1	Scale	Material No.
5 UND	±0.05	RF		Date:	Material		Page 1/1	
5-10	±0.06			Date:	Technique		Product Name: KH-GPS-BD-SMA-3M-5056	
10-35	±0.07			Date:	Sheet A4		Drawing No.	
35-50	±0.08	Audit		Date:				
50-100	±0.09			Date:				
100 OVE	±0.10	Approve		Date:				