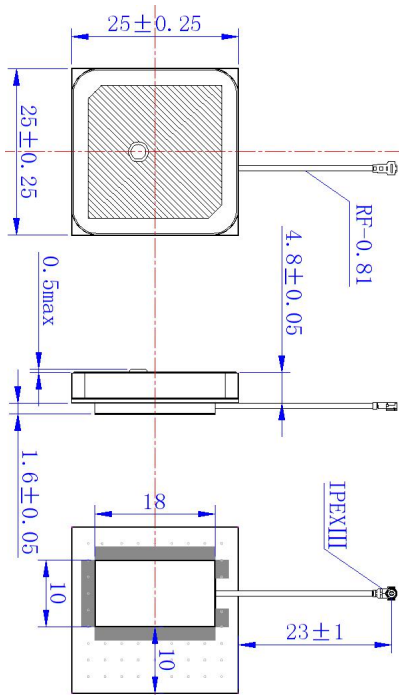


Part NO. SS-GPI2540P253B3		Type GPS External Active Antenna		
Electrical Characteristics				
Antenna				
1	Antenna model	25*25*4mm		
2	Frequency Range	1575.42MHz±1.023MHz		
3	V.S.W.R	1.5 max		
4	Band With@RL=-10dB	>5MHz		
5	Gain@Zenith	2.0dBi@20*20mm Ground		
6	Impedance	50 Ω		
7	Polarization	RHCP		
8	Axial Ratio@Zenith	<3dB		
LNA				
1	Frequency Range	1555MHz~1615MHz		
2	DC Voltage	1.5V(min)	3.0V(typ)	3.6V(max)
3	DC current	7.3mA	8.5mA	10.0mA
4	Noise Figure	1.1<		
5	LNA Gain	34dB@25℃,1575.42MHz		
6	VSWR	2.0 max		
Material				
No	Part Name	Spec		
1	Antenna	Dielectric Ceramics		
2	Ground	0.6mm, FR-4		
3	Cable	L=30mm, RF-0.81		
4	Connector	I-PEX III		
Environment Condition				
1	Working Temp	-40℃～+85℃, 10%～95% RH		
2	Storage Temp	-45℃～+90℃, 10%～95% RH		

Dimensions



LNA Gain @3.0V

