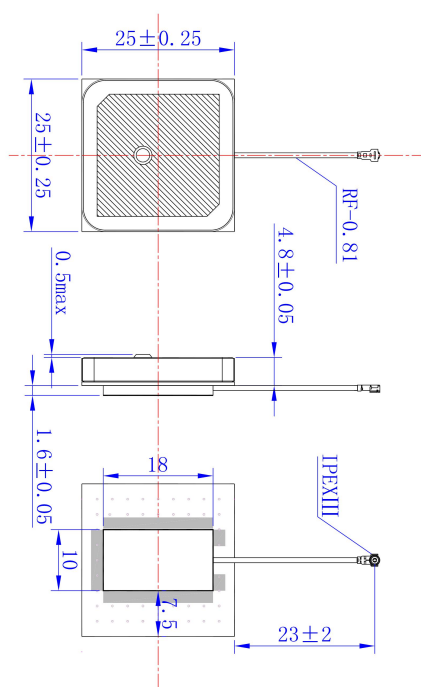


Part NO. SS-GPI2540P254S3			Type GPS External Active Antenna		
Electrical Characteristics					
Antenna					
1	Antenna model	25*25*4mm			
2	Frequency Range	1575.42MHz±1.023MHz			
3	V.S.W.R	1.5 max			
4	Band With@RL=-10dB	>5MHz			
5	Gain@Zenith	2.0dBi@20*20mm Ground			
6	Impedance	50Ω			
7	Polarization	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	4.1mA	4.35mA	4.6mA	
4	Noise Figure	1.1<			
5	LNA Gain	21dB@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

