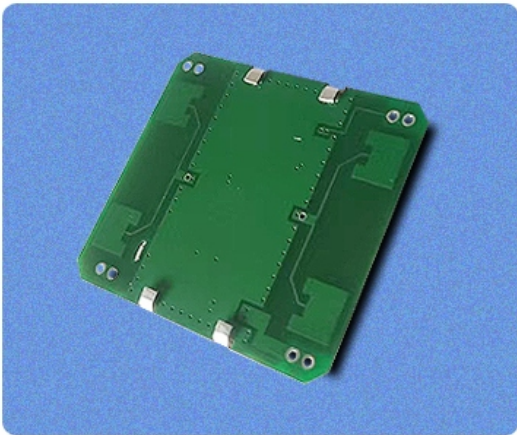
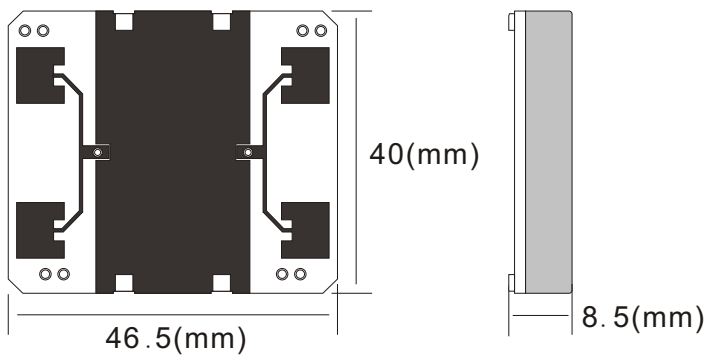


SKY-DF1052D11A



Module Size



Main features

- Not affected by temperature, humidity, airflow, noise and light etc, suitable for harsh environment;
- Strong anti-interference ability;
- No dead corner blind area, wide coverage;
- Can penetrate glass, wood and other non-metal obstacles;
- Comply with FCC, EC certification testing standards;

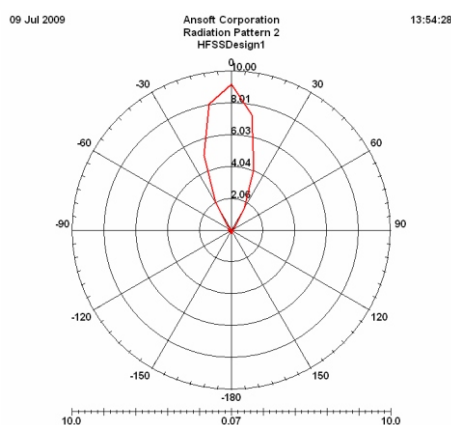
Applications

The microwave module can be widely used in various sensor lamps, security, automatic sensitivity control and other products.

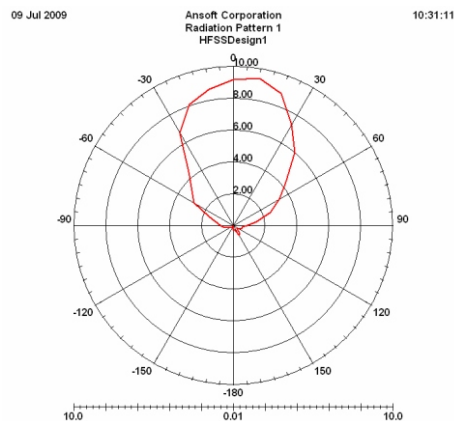
Technical Parameters

#	Item	Parameter
Electrical Characteristics		
1.	Operating voltage	5.0± 0.2 VDC
2.	Operating current	30mA-40mA.
3.	Center frequency	10.520Ghz
4.	Center frequency	10.525Ghz±25Mhz
5.	Frequency stability	±10 MHz max. (-30 to +80℃)
6.	Output power	14dBm typ.
7.	Return loss sensitivity	-90dBc typ.
8.	Second harmonic emission	<-33dBm typ.
9.	Third harmonic emission	<-33dBm typ.
10.	Antenna gain	9.63dBi
11.	-3dB beam width (E-plane) -3dB beam width (H-plane)	38 deg. nom. 76 deg. nom.
12.	IF amplitude	0~9.3mv(Fixture testing)
Maximum setting		
1.	Work temperature	-30 to +80℃
2.	Storage temperature	-40 to +80℃
3.	Relative humidity	95 % at 35℃
4.	Life cycle	>50000h
Others		
1.	Regulation for compliance	ETS 300 440
2.	Protection	N/A
3.	IP	N/A
4.	Certification	CE\FCC

Detection range



E-Plane



H-Plane