

Product features

small-volume

Main specifications

Parameters	Min	Typical	Max	Units
Frequency	6	~	15	GHz
Polarity of detection voltage		Positive polarity		
VSWR		2		
Dynamic range	-30	~	10	dBm
Rising edge			50	ns
Falling edge			50	ns
Detection voltage range	0		5	V

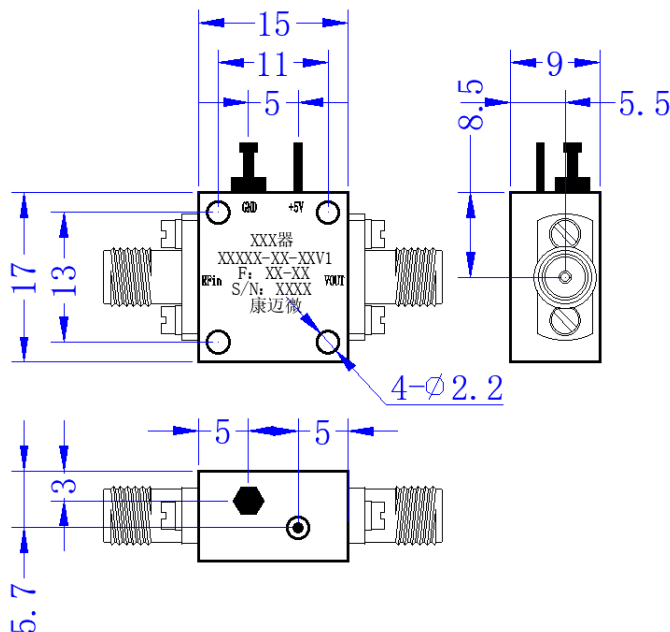
Other parameters

Connector	SMA
Working voltage	5V
Working current	100mA
Operation Temp.	-30~+65°C Design assurance

Reference picture



Configuration(mm)

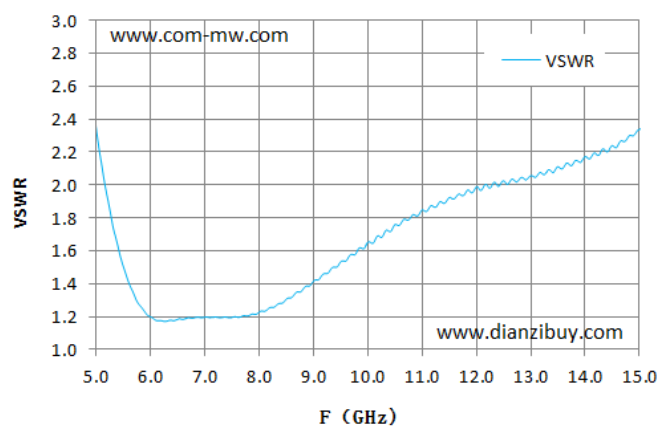
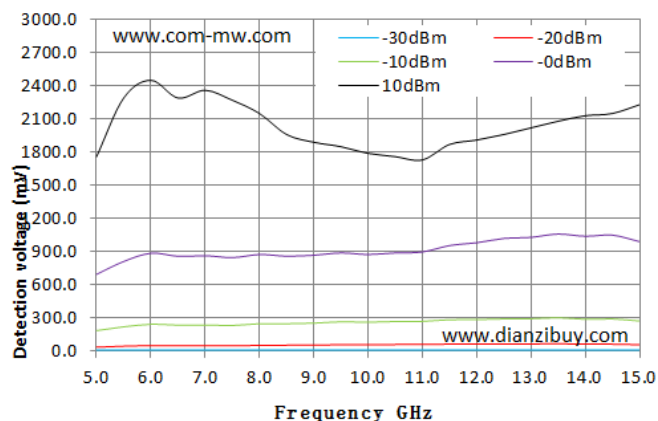


Note: The specifications and performance data contained in this data sheet are based on tests established by CMW.

Typical test data

RF(GHz)	5	7	9	11	13	15
Pin(dBm)	V (mV)	V (mV)	V (mV)	V (mV)	V (mV)	V (mV)
-30	10.1	10.2	10.2	10.2	10.3	10.3
-28	10.3	10.7	11.9	13	14.1	12.8
-26	11.1	15.7	17.5	19.6	21.2	19.2
-24	16.5	23.3	26	28.7	31.1	27.1
-22	24.8	34.3	37.8	42.2	45.5	41.6
-20	35.8	49	54.3	59.2	64	57.5
-18	52.4	70.7	76.5	81.9	89.6	82.5
-16	72.1	96.8	104	112	122	114
-14	99.6	131	144	154	166	147
-12	137	177	189	205	211	209
-10	184	235	249	265	290	269
-8	245	311	326	342	383	356
-6	315	404	422	446	499	471
-4	415	521	536	565	640	592
-2	536	666	672	731	829	799
-0	680	862	864	895	1030	989
2	869	1100	1080	1080	1270	1230
4	1070	1370	1280	1240	1540	1570
6	1280	1710	1510	1410	1750	1840
8	1520	2040	1700	1590	1900	2090
10	1760	2350	1890	1730	2020	2230

Typical test curve



Note

- 1 Clean the surface of the product, do not soak the product in cleaning solution for cleaning.