

Product features

Low noise, small volume.

Main specifications

Parameters	Min	Typical	Max	Units
Frequency	800	~	2500	MHz
Gain	32			dB
Gain flatness		± 1	± 1.5	dB
Noise figure		0.7	1	dB
VSWR		1.8	2	
P-1dB	15			dBm

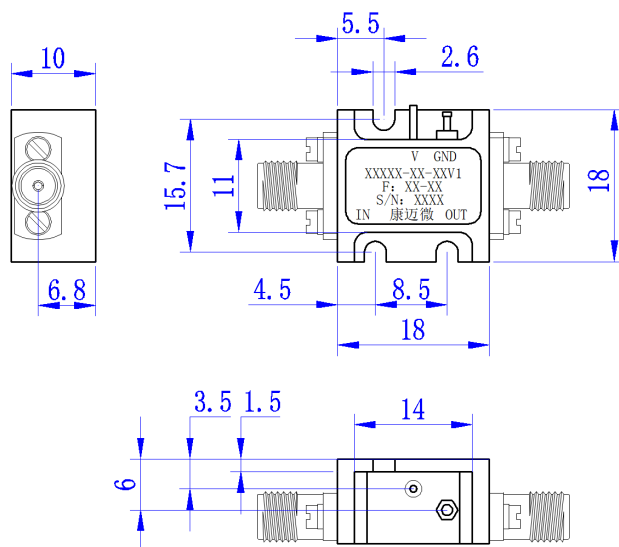
Other parameters

Connector	SMA-F Detachable, Pin 0.38mm
Impedance	50 Ω
Surface	Gold-plating
Working voltage	+12V
Working current	150mA
Operation Temp.	-40~+70°C Design assurance

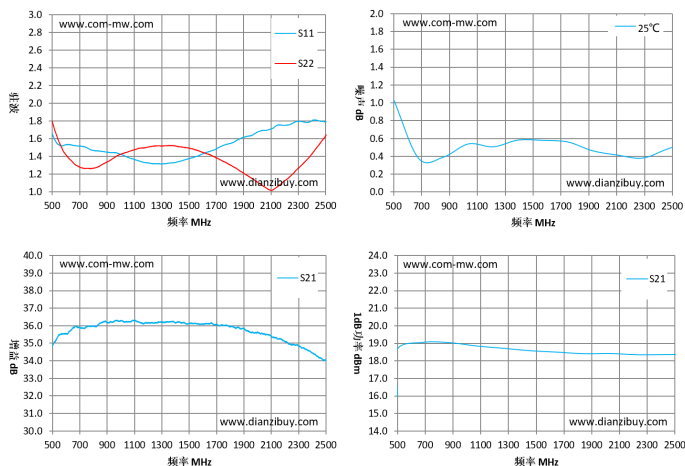
Reference picture



Configuration(mm)



Typical test curve



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

Typical test data

Frequency MHz	S11 VSW R	S22 VSW R	+25 °C noise dB	S21 Gain	S21 P- 1dB
500	1.66	1.79	1.03	34.8 2	15.98
643	1.53	1.34	0.48	35.7 9	19.05
786	1.47	1.26	0.34	35.9 7	19.06
929	1.44	1.36	0.43	36.2 2	18.98
1071	1.38	1.46	0.55	36.2 2	18.85
1214	1.32	1.51	0.5	36.1 3	18.72
1357	1.32	1.52	0.59	36.2 2	18.58
1500	1.37	1.49	0.6	36.1 3	18.5
1643	1.45	1.42	0.59	36.1 1	18.41
1786	1.54	1.31	0.53	36	18.36
1929	1.62	1.18	0.46	35.6 9	18.35
2071	1.69	1.03	0.41	35.5	18.36
2214	1.75	1.14	0.39	35.0 7	18.3
2357	1.78	1.35	0.4	34.6 3	18.28
2500	1.79	1.63	0.51	34.0 2	18.3

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