

Product features

Broadband, low noise.

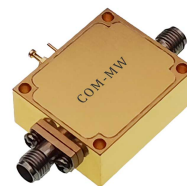
Main specifications

Parameters	Min	Typical	Max	Units
Frequency	18	~	40	GHz
Gain	30			dB
Gain flatness			±2.5	dB
Noise figure		3.6	4	dB
P-1dB	15			dBm

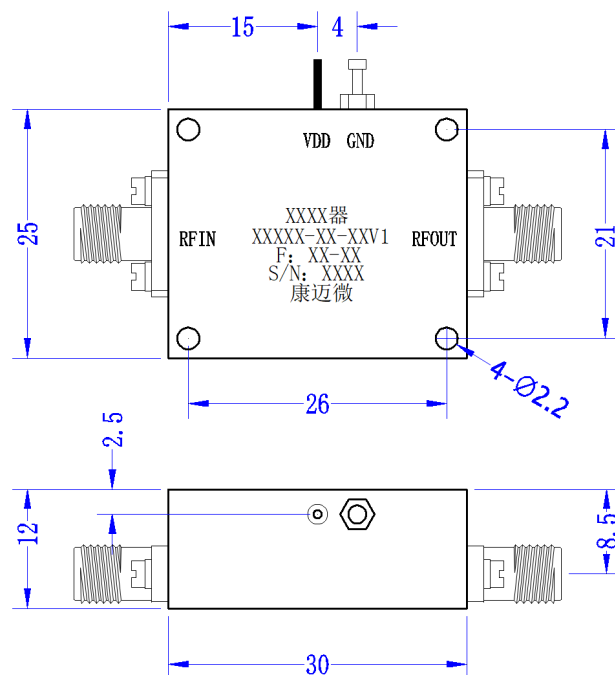
Other parameters

Connector	2.92-F detachable, Pin 0.3mm
Connector material	Stainless steel
Impedance	50Ω
Surface	Gold-plating
Working voltage	+12V
Working current	300mA
Operation Temp.	-40~+70°C Design assurance
Other	Maximum input undamaged power: 10dBm

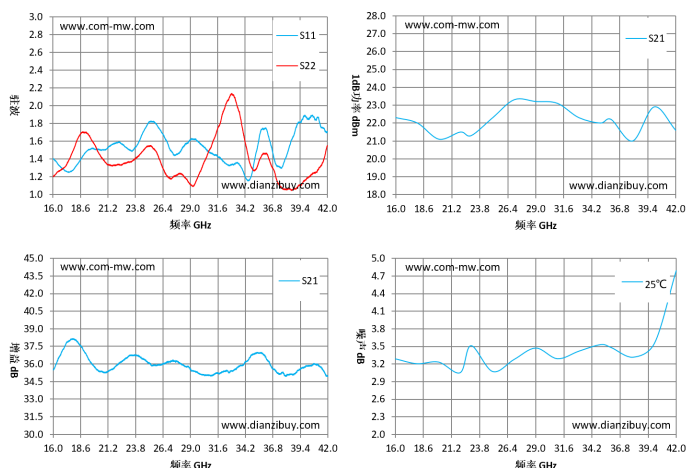
Reference picture



Configuration(mm)



Typical test curve



Note

Store in an environment with a humidity of less than 25% and pay attention to dust and static electricity prevention.

Typical test data

Frequency (G)	S11 VSW R	S22 VSW R	S21 Gain	S21 P- 1dB	+25 °C noise dB
16	1.4	1.2	35.4 7	22.3	3.29
18	1.28	1.51	38.0 9	22	3.2
20	1.51	1.55	35.6 6	21.1	3.23
22	1.58	1.33	35.8 9	21.5	3.05
23	1.52	1.36	36.5 4	21.3	3.51
25	1.79	1.54	36.0 9	22.3	3.07
27	1.53	1.19	36.2 2	23.3	3.28
29	1.61	1.12	35.5 5	23.2	3.47
31	1.46	1.53	35.0 4	23.1	3.29
33	1.33	2.13	35.4	22.3	3.42
35	1.31	1.27	36.8 6	22	3.53
36	1.73	1.46	36.7	22.2	3.48
38	1.39	1.06	34.9 7	21	3.32
40	1.87	1.17	35.8 5	22.9	3.56
42	1.71	1.55	34.9 7	21.6	4.79

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