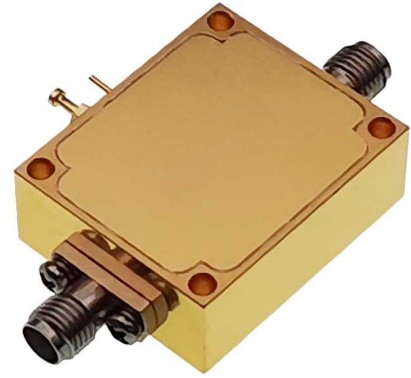


**SPECIFICATIONS**

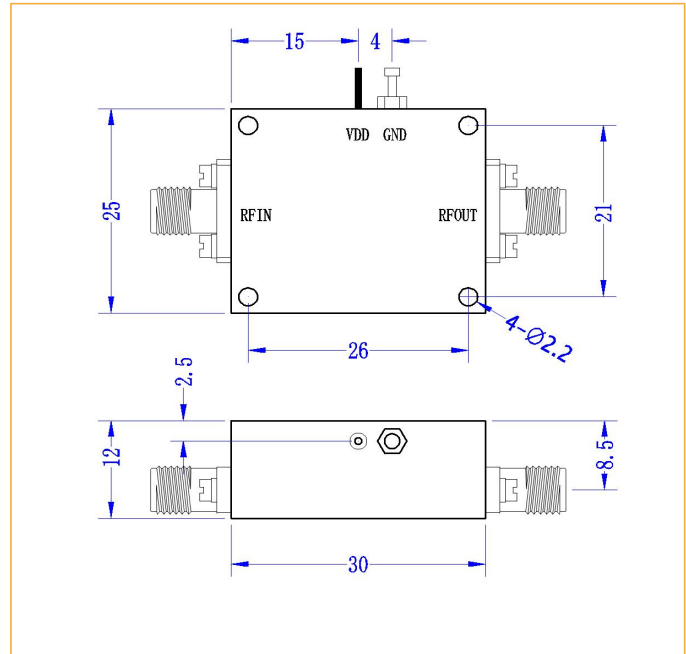
Frequency Range:	18000~40000 MHz
Gain	40dB min.
Gain Flatness	±4dB max.
Noise Figure	4.2dB max.
VSWR	1.8 typ. / 2.5 max.
Input Power	10dBm max.
Output Power(P-1 dB)	20dBm min. / 22dBm typ.
Impedance	50Ω
Supply Voltage	+12V
Supply Current	300mA
Operating Temp.	-30°C~+70°C
RF Connectors	2.92mm Female removable (0.3mm pin)



**Typical Performances**

Freq. (GHz)	VSWR (S11)	VSWR (S22)	Small-Signal Gain (S21)	Power Output @1dB Compression (S21)	Noise Figure (@25°C)
Unit	:1	:1	dB	dBm	dB
17	1.31	2.63	45.85	23.5	3.13
20	1.1	1.6	44.98	25.3	3.36
23	1.07	1.51	44.59	24.2	3.45
26	1.04	1.87	45.12	25.2	3.47
29	1.29	1.85	46.28	25.5	3.59
32	1.82	1.13	45.93	23.3	3.84
35	1.37	1.44	45.09	22.4	3.71
38	1.56	1.33	46.73	22.4	3.49
40	1.65	1.43	45.88	22.7	3.38
42	1.46	2.33	46.54	27.4	3.35
43.5	2.18	2.1	48.96	32.5	3.39

**Dimensions[mm]**



**50 Ohm Typical Characteristics**

