

MAM070081-G17P26 Power Amplifier

Features

Power Amplification

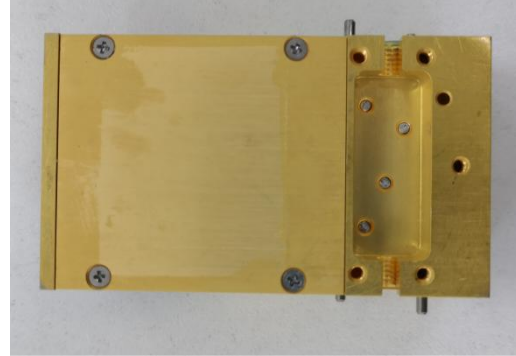
Psat: 26dBm

Built-in voltage regulator circuit

Applications

Instruments and meters

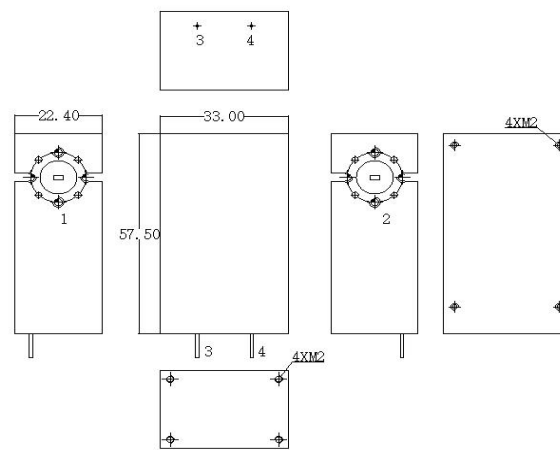
Terahertz Transceiver Systems



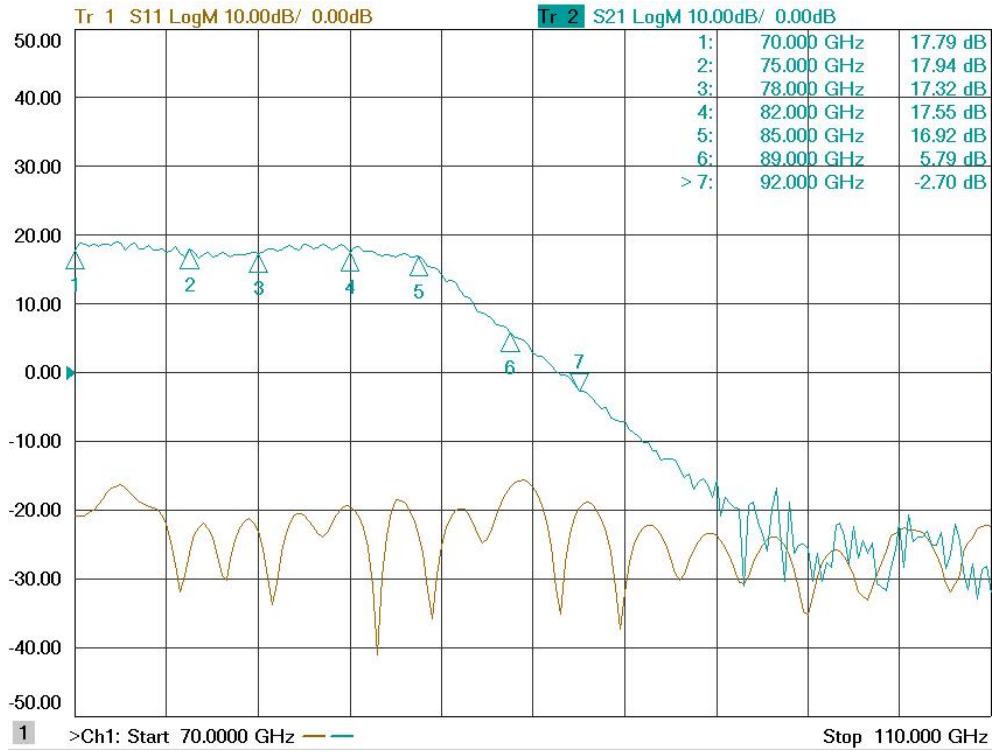
Electrical Specifications Table

Parameter	Condition ($T_A=25^{\circ}\text{C}$)	Limit			Unit
		Min.	Typ.	Max.	
1.Frequency	V1=+6V	70		81	GHz
2.Gain			17		dB
3.Psat			26		dBm
4.Input Port			WR-12		
5.Output Port			WR-12		
6.Current			1400		mA

Outline Drawing



Gain vs. Frequency Curve



Output Power Data Table

Frequency (GHz)	Output Power (dBm)	Frequency (GHz)	Output Power (dBm)
70	26	79	26.5
71	25.9	80	26.3
72	26.3	81	26.1
73	26.8	82	25.8
74	26.8	83	25.3
75	26.3	84	24.9
76	26.3	85	24.2
77	26.5	86	23.5
78	26.6	87	21.5