

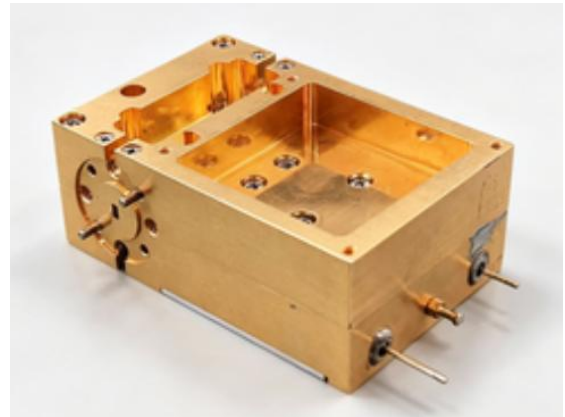
MAM092096-P36-TTL Power Amplifier

Features

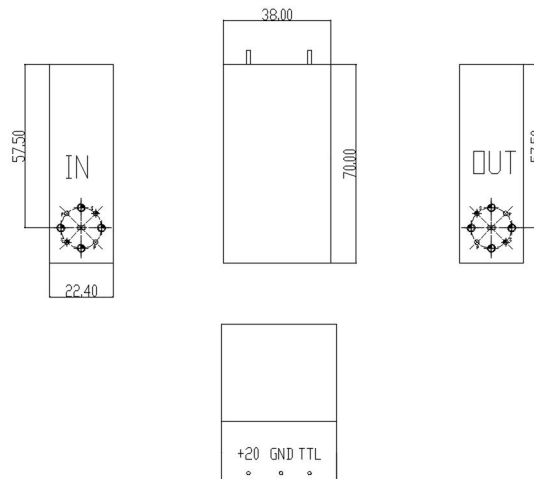
An integrated structural design approach is adopted. It realizes power amplification in the 92–96 GHz band with waveguide input/output ports. The Psat can reach 36 dBm. TTL level is adopted to directly control the on/off of the drain power supply, enabling fast switching of the amplifier.

Applications

Various test systems and product applications in the 92-96 GHz band



Outline Drawing



Performance Specifications

Parameter	Min.	Typ.	Max.
Operating Frequency / GHz	92		96
Psat / dBm		36	
Small Signal Gain / dB		20	
Modulation Delay / ns		50	
Supply Voltage / V		20	
Saturation Current / A		2.8	
Maximum Input Power / dBm		31	
Waveguide Port		WR-10	