

BROADBAND POWER AMPLIFIER

MPA1826.30
18GHz-26.5GHz

Features

- ✓ High gain operation from 18GHz to 26.5GHz
- ✓ Low VSWR, unconditional stable
- ✓ High gain with good gain flatness
- ✓ Single DC power supply, internal voltage regulator
- ✓ Operating temperature -45~+85°C, storage temperature -55~+125°C

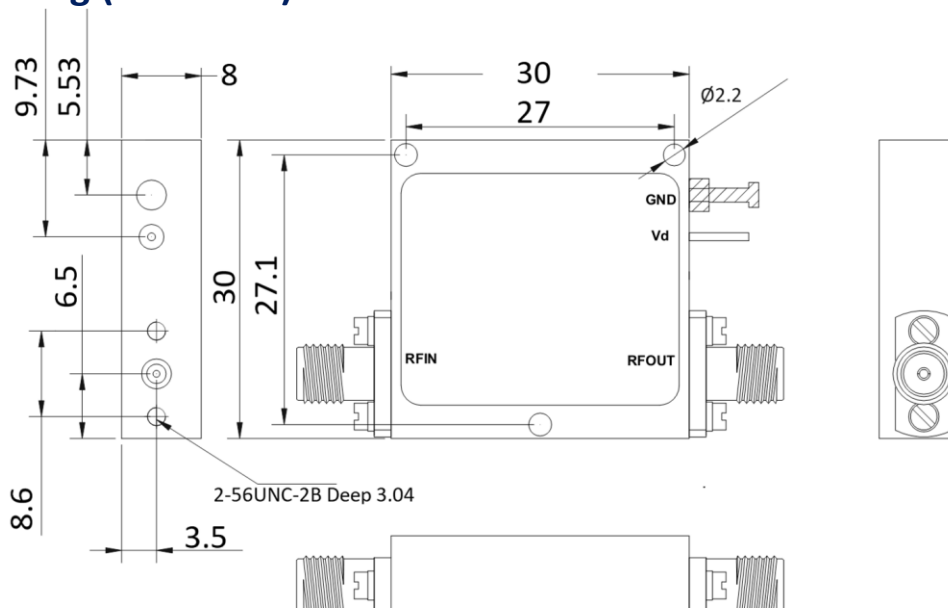


Specifications

Parameters	Minimum	Typical	Maximum
Frequency Range	18GHz		26.5GHz
Gain	30dB	32dB	
Gain flatness		±1.5dB	±2dB
Input VSWR		1.5:1	2.0:1
Output VSWR		1.8:1	2.0:1
Output Power for 1 dB		20 dBm	
Saturated Output Power (Psat)		21 dBm	
Noise Figure		4dB	
OIP3		29 dBm	
RF Input Power (no damage)			10 dBm
DC Supply Current		260mA	
Operating Temperature	-45°C		+85°C
Survival Temperature	-55°C		+125°C
DC Voltage		+15.0V	
Material	Aluminum/Gold		
In/Out connectors	SMA female		
Size (mm)	30 x 30 x 8		

Tolerance: X= ±0.25

Outline Drawing (Unit: mm)



NOTES:
1. ALL SPECIFICATIONS ARE SUBJECT TO CHANGE WITHOUT NOTICE AT ANY TIME
2. CUSTOMER OUTLINE DRAWING FOR REFERENCE ONLY

