

Features

- Small Signal Gain 28dB
- Low Gain Flatness
- Input VSWR 2.2
- Output Power 14dBm
- RoHS and REACH Compliant

Electrical Specifications

Description	Units	Minimum	Typical	Maximum
Freq. Range	GHz	1		18
Max input Power	dBm			20
Small Signal Gain	dB	28		
Gain Flatness	dB			±2.2
Noise figure	dB			5.0
Output Power @P1dB	dBm	14		
Input VSWR	: 1			2.2
Output VSWR	: 1			2.2
OIP3	dBm		23	
TTL Control				
TTL Switching Time	us			
Supply Current (Vcc=+12V)	mA		300	
Operating Temp.	°C	-45		+85

Special Requirements

Note

- Electronic Specification Note : Values at 25deg , sea level. Test indicators will deteriorate at high and low temperature ;
- ESD sensitive material , Transport material in approved ESD bags. Handle only in approved ESD workstation;
- Providing effective cooling measures and electrostatic protection;
- If the product is damaged due to over-drive, no-load, over-temperature, over-current and static electricity in use. Customer needs to pay for the cost of maintenance.

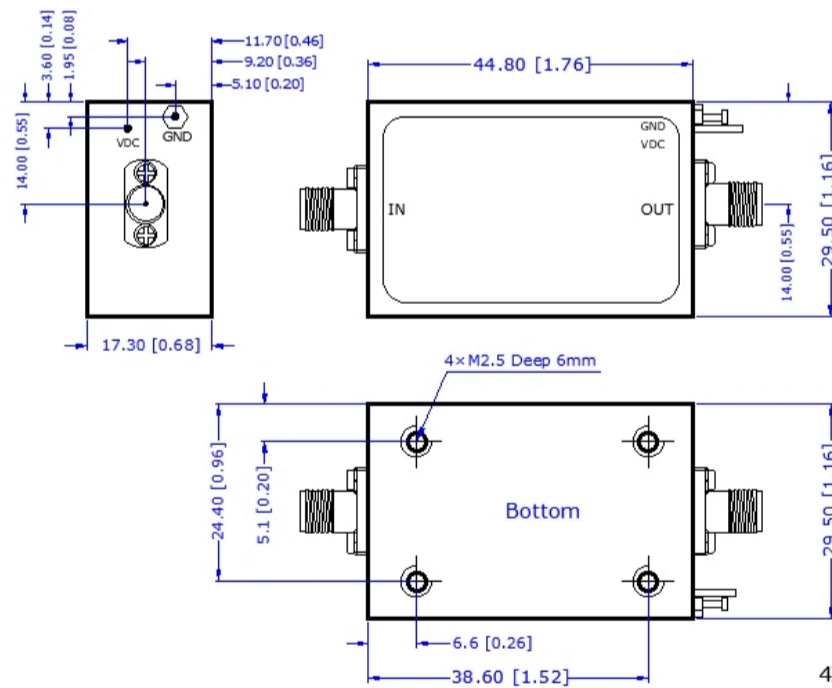
Mechanical Specifications

Dimension L*W*H	44.7*29.5*17 mm
Input Connector	SMA-Female
Output Connector	SMA-Female
Weight	TBD g
VDC Connector	
Finishing	Self-colour Anodizing
Environment	X

Compliance Certifications

RoHS Compliant	✓
REACH Compliant	✓

CAD Drawing



Dimensions are in mm [Inches]
 Tolerances : Outline drawing: ± 0.2 [0.008]
 Hole: ± 0.2 [0.008]