

Features

- Small Signal Gain 33dB
- Low Gain Flatness
- Input VSWR -
- Output Power 30dBm
- RoHS and REACH Compliant

Electrical Specifications

Description	Units	Minimum	Typical	Maximum
Freq. Range	GHz	28		40
Small Signal Gain	dB	33		
Gain Flatness	dB			±3.0
Noise figure	dB		-	
Output Power @Psat	dBm	30		
Output Power @P1dB	dBm	-		
Input VSWR	: 1			-
Output VSWR	: 1			-
OIP3	dBm		-	
Reverse Isolation	dB	-		
Spurious	dBc	-55		
Harmonics	dBc			
TTL Control				
TTL Switching Time	us		-	
Supply Current (Vcc=+6V)	mA		3000	
Operating Temp.	°C	-20		+70

Special Requirements

Duty Cycle : 100%@CW and 1% to 95% @ Pulse Fluctuation : 0.5dB Pulse Width : 1us Rise Time : 30 ns Fall Time : 30 ns

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.

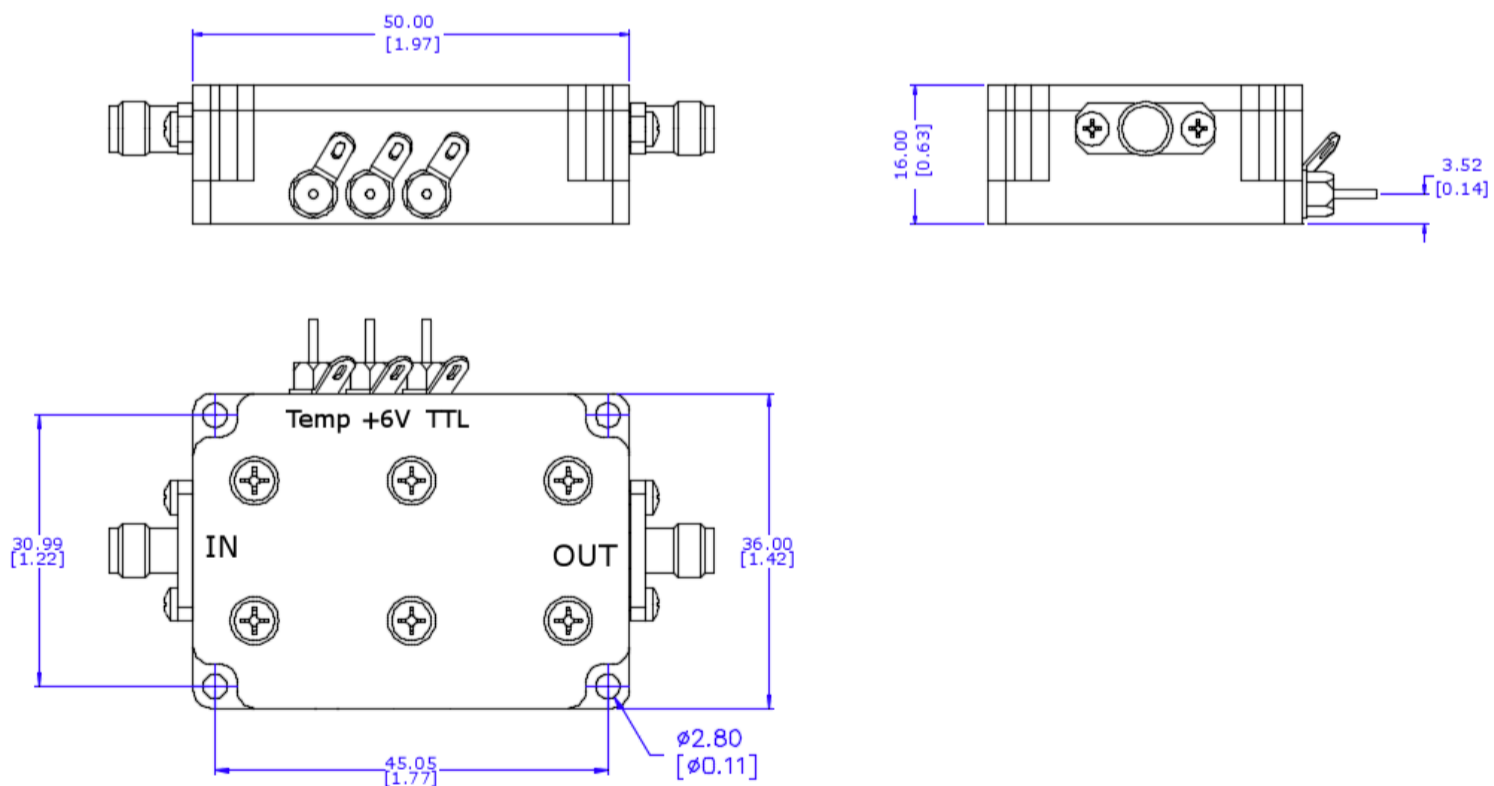
Mechanical Specifications

Dimension L*W*H	50*36*16 mm
Input Connector	2.92mm-Female Stainless Steel
Output Connector	2.92mm-Female Stainless Steel
Weight	70 g
Finishing	Nickel Plated
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]