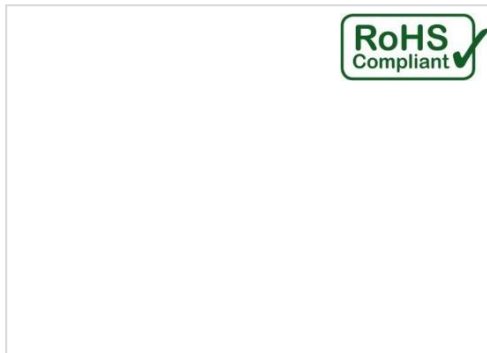




Note: The photo is for illustration purposes only.
Please refer to outline drawing

■ Features

- Ultra Broadband: 0.1-2GHz
- Gain: 35dB
- Output Power: 15dBm
- High Output IP3: 25dBm

■ Applications

- Radar Systems
- Communication Systems
- Receiving Systems

□ Electrical Specifications

Parameter	Min.	Typ.	Max.	Units
Frequency Range	0.1-2.0			GHz
Gain	35			dB
Gain Flatness			± 1	dB
Input VSWR		1.5	2.0	-
Output VSWR		1.5	2.0	-
Output Power for 1 dB Compression (P1dB)	15			dBm
Noise Figure			1.0	dB
OIP3		25		dBm
Input Max Power(no damage)			0	dBm
DC Current (Vcc=+12V)		150		mA
Impedance	50			Ω
Input Connector	SMA-K			
Output Connector	SMA-K			
Material/Finishing	Copper/Gold Plating			

□ Environmental Conditions

Environmental Specifications:

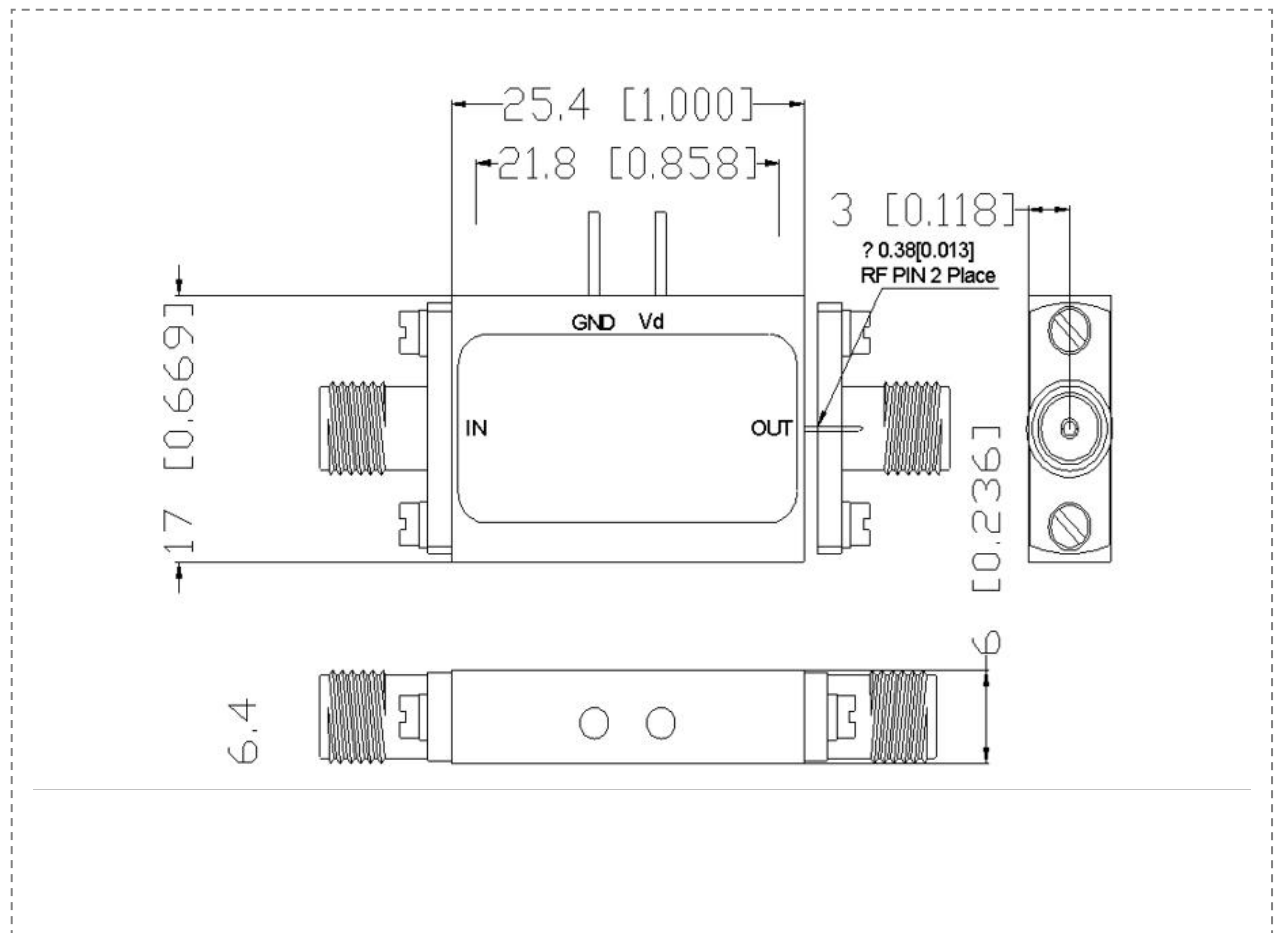
- ※ Operational Temperature $-40^{\circ}\text{C} \sim +70^{\circ}\text{C}$
- ※ Storage Temperature $-45^{\circ}\text{C} \sim +85^{\circ}\text{C}$



OBSERVE
PRECAUTIONS ELECTROSTATIC
SENSITIVE DEVICES

□ Outline Drawing

All Dimensions in mm (inches) Tolerance ± 0.25 (0.01)



Heat Sink required during operation