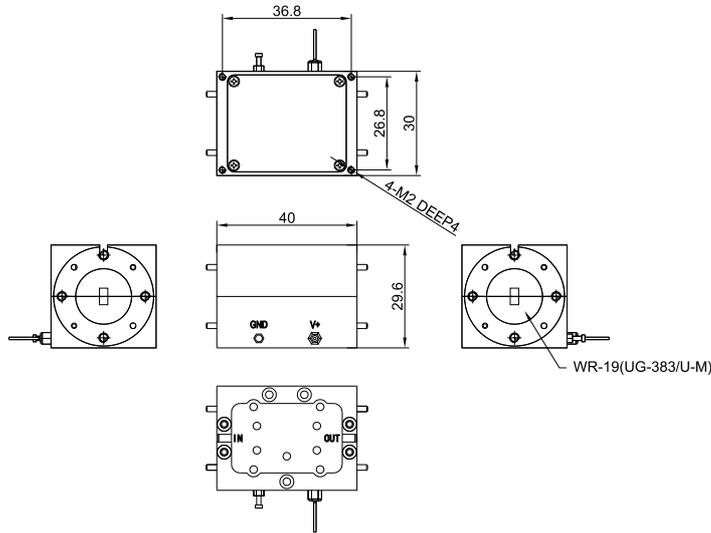


**Waveguide WR19 Low Noise Amplifier(LNA) | 18dB Gain | 4dB Noise Figure | 40 - 60GHz**

**P/N: LNA-40G60G-G18-WR19**



Dimensions are in mm



**Product Configuration**

Connector-In Series	WR19
Connector-In Polarity	Standard
Connector-In Gender	Waveguide
Connector-In Impedance (Ohm)	50
Connector-Out Series	WR19
Connector-Out Polarity	Standard
Connector-Out Gender	Waveguide
Connector-Out Impedance (Ohm)	50

**Electrical Specifications**

Frequency Range	40GHz-60GHz
Return Loss or VSWR Input	3
Return Loss or VSWR Output	3
Gain, Typical (dB)	18
P-1dB (dBm)	+8
Noise Figure, Max (dB)	6.0
Voltage, DC Typ (Volts)	+6

Waveguide WR19 Low Noise Amplifier(LNA) | 18dB Gain | 4dB Noise  
Figure | 40 - 60GHz

P/N: LNA-40G60G-G18-WR19

## Mechanical Data

Min. Mating Cycles	≥500
Body Material	Brass
Body Plating	Gold

## Environmental Specifications

RoHS Compliant	Yes
Operating Temperature Range	-20° to +50°