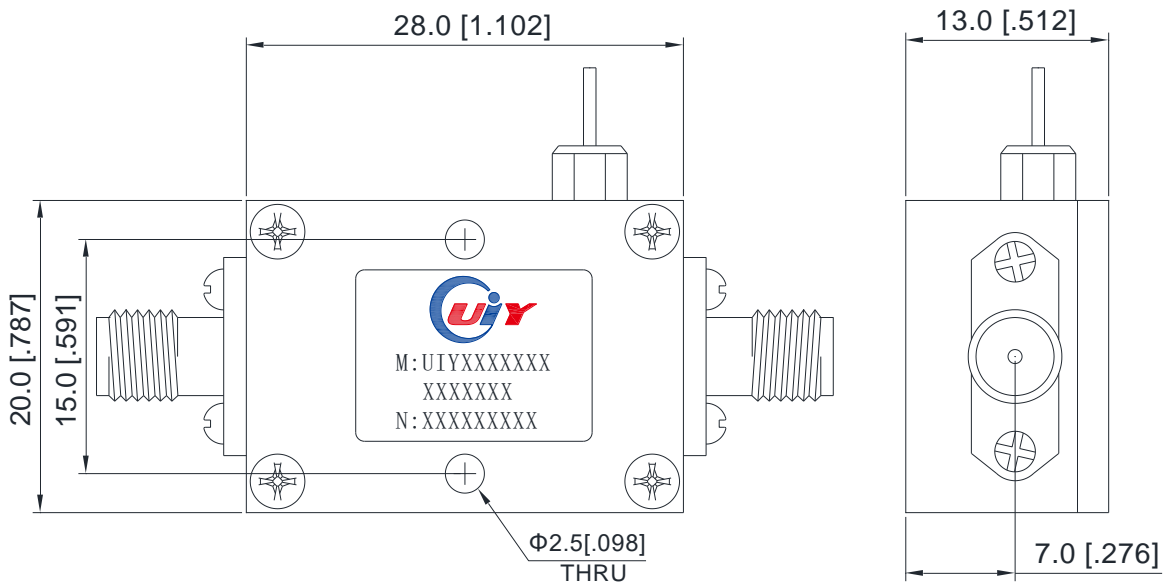


12 to 18GHz – Low Noise Amplifier

UIYLNA2820B12T18SF

| RF Characteristics @T=25°C, 50Ω System | | | | | |
|--|------------|-----|------|------|------|
| Parameter | Symbol | Min | Type | Max | Unit |
| Operating Frequency | BW | 12 | | 18 | GHz |
| Power @1dB | P1dB | | 13 | | dBm |
| Power Gain @CW | G | | 25 | | dB |
| Input Power | Pin | | -10 | -5 | dBm |
| Gain Flatness | ΔG | | ±1.5 | | dB |
| Noise Figure | NF | | 2.5 | | dB |
| Input VSWR | S11 | | 2:1 | | |
| Output VSWR | S22 | | 2:1 | | |
| Operating Voltage | VDC | | 5 | | Volt |
| Operating Temperature | Tc | -20 | | +70 | °C |
| Storage Temperature | Tstg | -55 | | +100 | °C |
| Connector Type | SMA Female | | | | |
| <ul style="list-style-type: none"> ◇ Listed are specific frequency ranges and other ranges are available. ◇ Please provide the below information when inquiring and mark * is required. <ul style="list-style-type: none"> * 1. The specific pass band frequency range * 2. The specific Gain and Power 3. Other special requests. | | | | | |

Mechanical Drawing



Unit: mm/ inch, General part tolerance is ±2% unless otherwise stated.

Ver. 5.0