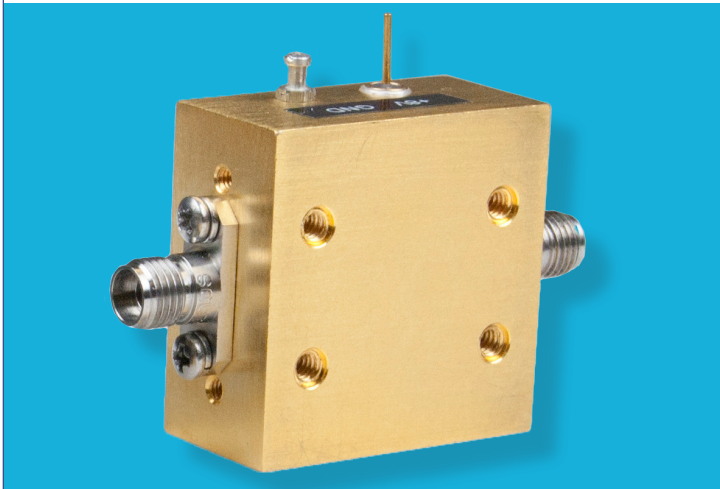


# Low Noise Amplifier

## ALN- 09173030-01



**ALN** series low noise amplifiers are constructed with discrete or MMIC PHEMT devices and provide state-of-the-art low noise performances.

### APPLICATION

- Communication receivers
- Radar front
- Wideband radiometry
- Transceiver sub-assemblies

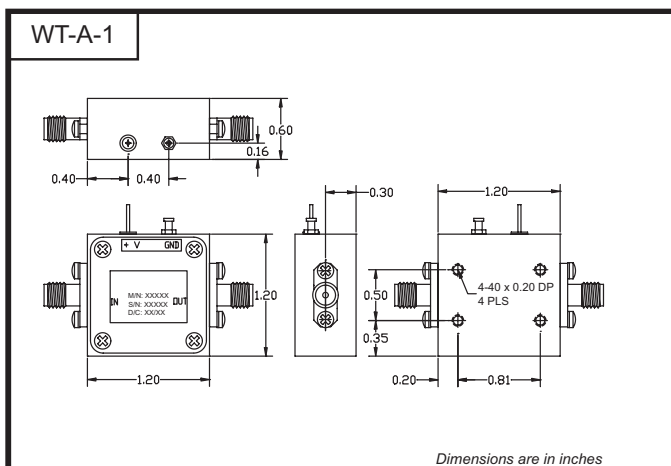
### SPECIFICATIONS

- Frequency: 1 - 18 GHz
- Gain: 30 dB typical
- Noise figure:
  - > 3.0 dB (typ) dB (typ), 5-16 GHz
  - > 4.0 dB (typ), 1-5 GHz and 16-18 GHz
- DC bias: 8.0 Vdc/200 mA (typ)
- Connectors: SMA (F)
- Operating temperature: -40 °C to +50 °C

### FEATURES

- Low Noise Figure
- Single power and light weight

### Outline Drawings



All specifications are subject to change without notice. Please contact a sales representative for additional information.