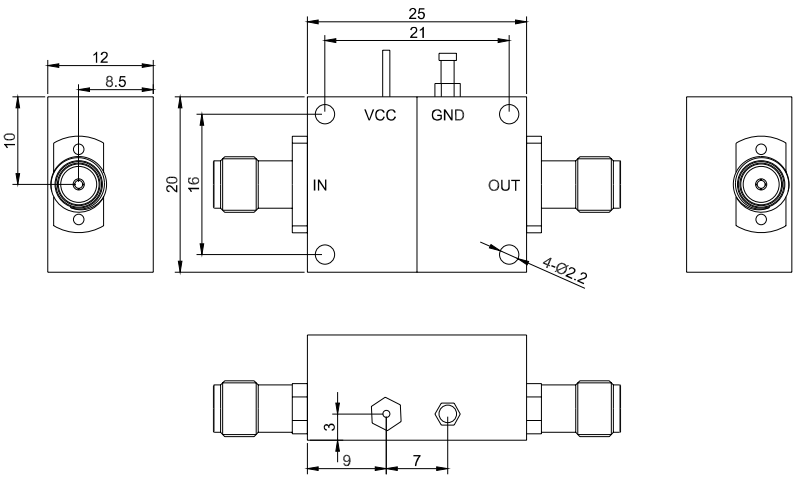
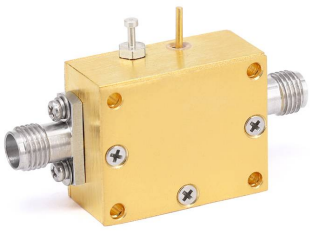
Flexi RF
Reliable RF Components In Stock

Datasheet

2.92 Female Low Noise Amplifier (LNA) | 15dB Gain | 3.5dB Noise Figure | 18GHz - 40GHz

P/N: GWLNA018040-15





Dimensions are in mm

Product Configuration

Connector-In Series	2.92mm
Connector-In Polarity	Standard
Connector-In Gender	Female
Connector-In Impedance (Ohm)	50
Connector-Out Series	2.92mm
Connector-Out Polarity	Standard
Connector-Out Gender	Female
Connector-Out Impedance (Ohm)	50

Electrical Specifications

Frequency Range	18GHz to 40GHz
Return Loss or VSWR Input	1.8
Return Loss or VSWR Output	2.2
Gain, Typical (dB)	15
Gain Flatness (dB)	±2.5
P-1dB (dBm)	15
Noise Figure, Max (dB)	3.5
3rd Intercept Point (dB)	25
Voltage, DC Typ (Volts)	+12
Voltage, DC Max (Volts)	+12
Current, Max (mA)	120
Max Input Power (dBm)	0

Flexi RF Inc

(650)880-9199
20195 Stevens Creek Blvd, Suite 220, Cupertino, CA 95014
sales@flexirf.com
www.flexirf.com

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Mechanical Data

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

Enviromental Specifications

RoHS Compliant	Yes
Operating Temperature Range	-40 ºC to +70 ºC
Storage Temperature Range	-40 ºC to +85 ºC