

# **LNAL30NF**

# **Single-Band L-Band LNA**

Band: 1400 - 1600 MHz **Input Connector:** N - 50 Ohm Output Connector: F - 75 Ohm



#### **KEY SPECIFICATIONS**

Band L-Band

**Required Current** 300 mA

# **RF SPECIFICATIONS**

**Gain Flatness** 

**Conversion Gain** 50 dB min., 60 dB typ., 65 dB max.

2 dB p-p

Gain Ripple (At Per 36 M Hz) 1 dB p-p

**Input Frequency** L-Band: 1400 - 1600 MHz

Input V S W R 2.0:1 Output P1D B + 10 dBm Output V S W R 2.0:1

### **ELECTRICAL SPECIFICATIONS**

**Power Connector** Pin through connector

**Power Supply** 12-24 VDC

#### **INTERFACE SPECIFICATIONS**

N - 50 Ohm **R F Input Connector** F - 75 Ohm **R F Output Connector** 

### **ENVIRONMENTAL SPECIFICATIONS**

45'K **Noise Temperature** 

-40 to +60°C **Temperature Operational** 



#### **Innovative Communication Solutions**

Weight 250 g

### **PHYSICAL SPECIFICATIONS**

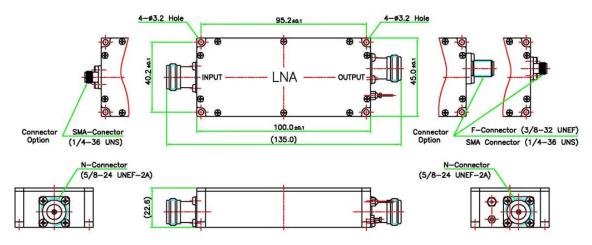
**Dimensions ( Lx Wx H)** 22.6 x 45.0 x 100.0 mm

### **LOGISTICS SPECIFICATIONS**

HS Code Country of Origin ECCN Number Shipping Package

8517690000 Made in Korea EAR99 190 x 115 x 75 mm | 250 g

## **MECHANICAL DIAGRAMS**



Unit: mm



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