

# **LNAS10SF**

# **Single-Band S-Band LNA**

**Band:** 2100 - 2500 MHz **Input Connector:** SMA

Output Connector: F - 75 Ohm



### **KEY SPECIFICATIONS**

**Band** S-Band

Required Current 300 mA

## **RF SPECIFICATIONS**

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

**Gain Flatness** 2 dB p-p

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

**Input Frequency** S-Band: 2100 - 2500 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**

R F Input Connector SMA

**R F Output Connector** F - 75 Ohm

#### **ENVIRONMENTAL SPECIFICATIONS**

Noise Temperature 45'K

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



#### **Innovative Communication Solutions**

Weight 250 g

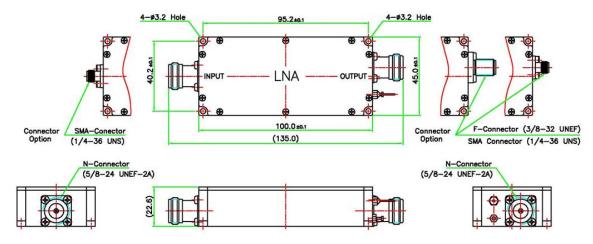
#### **PHYSICAL SPECIFICATIONS**

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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