

# **LNAKU00NP**

## **Single-Band Ku-Band LNA**

**Band:** 10.7 - 12.75 GHz

Output Connector: N - 50 Ohm
Power Connector: MS3112E10-6P



#### **KEY SPECIFICATIONS**

Band Ku-Band

**Input Frequency Band 1** 10.70 - 12.75 GHz

Noise Figure 0.8 dB
Required Current 250 mA

#### **RF SPECIFICATIONS**

**Conversion Gain** 50 dB min., 55 dB typ., 60 dB max.

 Gain Flatness
 4 dB p-p

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

 Input V S W R
 2.0 : 1

 Output P1D B
 + 5 dBm

**Output V S W R** 2.0 : 1

#### **ELECTRICAL SPECIFICATIONS**

 Power Connector
 MS3112E10-6P

 Power Supply
 12-24 VDC

#### **INTERFACE SPECIFICATIONS**

Input W/ G Flange WR 75

#### **ENVIRONMENTAL SPECIFICATIONS**



#### **Innovative Communication Solutions**

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

Weight IP 67
Weight 450 g

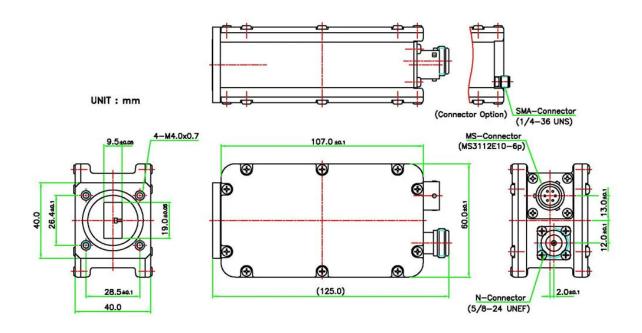
#### **PHYSICAL SPECIFICATIONS**

**Dimensions (Lx Wx H)** 60.0 x 41.6 x 111.5 mm

### **LOGISTICS SPECIFICATIONS**

HS Code	Country of Origin	ECCN Number	Shipping Package
8517690000	Made in Korea	EAR99	145 x 95 x 65 mm   475 g

#### **MECHANICAL DIAGRAMS**





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