

# **LNAKA10SP**

# **Single-Band Ka-Band LNA**

**Band:** 17.2 - 18.2 GHz **Output Connector:** SMA

Power Connector: MS3112E10-6P



## **KEY SPECIFICATIONS**

BandKa-BandNoise Figure1.5 dBRequired Current250 mA

#### **RF SPECIFICATIONS**

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

Gain Flatness4 dB p-pGain Ripple (At Per 36 M Hz)1 dB p-p

**Input Frequency** Ka-Band: 17.2 - 18.2 GHz

 Input V S W R
 2.2 : 1

 Output P1D B
 + 5 dBm

 Output V S W R
 2.2 : 1

#### **ELECTRICAL SPECIFICATIONS**

 Power Connector
 MS3112E10-6P

 Power Supply
 12-24 VDC

#### **INTERFACE SPECIFICATIONS**

Input W/ G Flange WR 42
R F Output Connector SMA



#### **ENVIRONMENTAL SPECIFICATIONS**

Temperature Operational -40 to +60°C

Waterproofing IP 67

Weight 450 g

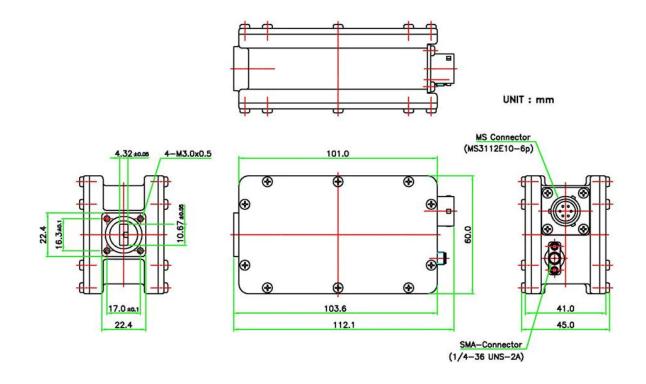
#### PHYSICAL SPECIFICATIONS

**Dimensions (Lx Wx H)** 60.0 x 45.0 x 103.6 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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