

LNAKA50SP

Single-Band Ka-Band LNA

Band: 21.2 - 22.2 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: 21.2 - 22.2 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 °CWaterproofingIP 67Weight450 g

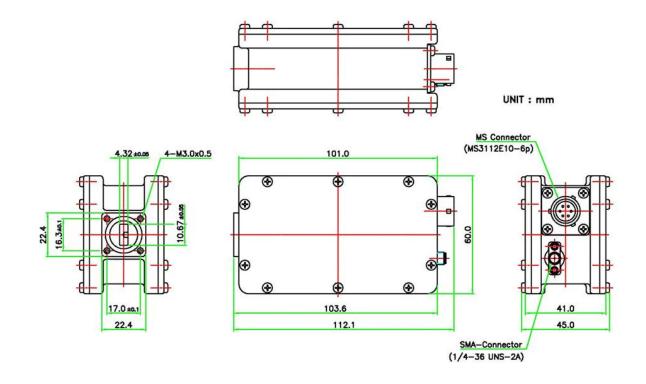
PHYSICAL SPECIFICATIONS

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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