



LNAKA50SP

Single-Band Ka-Band LNA

Band: 21.2 - 22.2 GHz

Output Connector: SMA

Power Connector: MS3112E10-6P



KEY SPECIFICATIONS

Band	Ka-Band
Noise Figure	1.5 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 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°C
Waterproofing	IP 67
Weight	450 g

PHYSICAL SPECIFICATIONS

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

