



LNAC00SP

Single-Band C-Band LNA

Band: 3.4 - 4.2 GHz

Output Connector: SMA

Power Connector: MS3112E10-6P



KEY SPECIFICATIONS

Band	C-Band
Input Frequency Band 1	3.40 - 4.20 GHz
Required Current	200 mA

RF SPECIFICATIONS

Conversion Gain	50 dB min., 60 dB typ., 65 dB max.
Gain Flatness	4 dB p-p
Gain Ripple (At Per 36 M Hz)	1 dB p-p
Input V S W R	2.2 : 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	CPR 229G
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ENVIRONMENTAL SPECIFICATIONS

Noise Temperature	30°K
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Temperature Operational	-40 to +60°C
Waterproofing	IP 67
Weight	630 g

PHYSICAL SPECIFICATIONS

Dimensions (Lx Wx H)	98.8 x 70.0 x 164.5 mm
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LOGISTICS SPECIFICATIONS

HS Code	Country of Origin	ECCN Number	Shipping Package
8517690000	Made in Korea	EAR99	190 x 115 x 75 mm 655 g

MECHANICAL DIAGRAMS

