

# LNAL30SF

### Single-Band L-Band LNA

Band: 1400 - 1600 MHz Input Connector: SMA Output Connector: F - 75 Ohm



#### **KEY SPECIFICATIONS**

Band	L-Band
Required Current	300 mA

#### **RF SPECIFICATIONS**

Conversion Gain	50 dB min., 60 dB typ., 65 dB max.
Gain Flatness	2 dB p-p
Gain Ripple (At Per 36 M Hz)	1 dB p-p
Input Frequency	L-Band: 1400 - 1600 MHz
Input V S W R	2.0 : 1
Output P1D B	+ 10 dBm
Output V S W R	2.0 : 1

#### **ELECTRICAL SPECIFICATIONS**

Power Connector	Pin through connector
Power Supply	12-24 VDC
INTERFACE SPECIFICATIONS	

# R F Input Connector

R F Input Connector	SMA
R F Output Connector	F - 75 Ohm

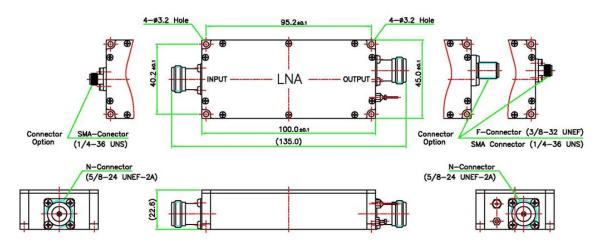
## **ENVIRONMENTAL SPECIFICATIONS**

Noise Temperature	45'K
Temperature Operational	-40 to +60°C



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Weight		250 g	250 g	
PHYSICAL SP	ECIFICATIONS			
Dimensions ( Lx Wx H	)	22.6 x 45.0 x 100.0 mm		
	PECIFICATIONS			
HS Code	Country of Origin	ECCN Number	Shipping Package	
8517690000	Made in Korea	EAR99	190 x 115 x 75 mm   250 g	
	L DIAGRAMS			



Unit : mm



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