

0.1~10GHz, LNA
ELECTRICAL SPECIFICATIONS

Parameter	Min	Typ	Max	Unit
Frequency Range	0.1		10	GHz
Small Signal Gain	30		35	dB
Noise Figure		1.7	2.4	dB
P-1dB Compression Point	10	14		dBm
Gain Flatness			±2	dB
Input VSWR		2:1		
Output VSWR		2:1		
DC Voltage		+12		V
DC Supply Current			200	mA

ENVIRONMENTAL SPECIFICATIONS

Parameter	Min	Typ	Max	Unit
Operating Temp.	-20		+60	°C
Storage Temp.	-40		+90	°C
Relative Humidity	5%		95%	

MECHANICAL SPECIFICATIONS

Parameter	Value	Unit
Dimension	24×18×10	mm
Weight	14.5	g
RF Connectors	SMA-F	-

CONTROL CONNECTOR

Pin#	Description
1	+12 VDC
2	GND

Outline Drawing:

