

0.5~4GHz, LNA
ELECTRICAL SPECIFICATIONS

Parameter	Min	Typ	Max	Unit
Frequency Range	0.5		4	GHz
Small Signal Gain	36		44	dB
Noise Figure	1.3		2	dB
P-1dB Compression Point	10			dBm
Gain Flatness			±1.5	dB
Input VSWR			2:1	
Output VSWR			2:1	
DC Voltage	+10		+15	V
DC Supply Current			220	mA

ENVIRONMENTAL SPECIFICATIONS

Parameter	Min	Typ	Max	Unit
Operating Temp.	-40		+70	°C
Storage Temp.	-55		+125	°C
Relative Humidity	5%		95%	

MECHANICAL SPECIFICATIONS

Parameter	Value	Unit
Dimension	60×40×12.7	mm
Weight	180	g
RF Connectors	SMA-F	-
DC Power	Feed thru	-
Cooling	External heatsink	-

CONTROL CONNECTOR

Pin#	Description
1	+10~15VDC
2	GND

Outline Drawing:

