

**0.1~12GHz, LNA**
**ELECTRICAL SPECIFICATIONS**

Parameter	Min	Typ	Max	Unit
Frequency Range	0.1		12	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		1.6:1	2.3:1	
Output VSWR		1.8:1	2.3:1	
Reverse Isolation	60			dB
DC Voltage	+10		+15	V
DC Supply Current			200	mA

**ENVIRONMENTAL SPECIFICATIONS**

Parameter	Min	Typ	Max	Unit
Operating Temp.	-45		+75	°C
Storage Temp.	-55		+125	°C
Relative Humidity	5%		95%	

**MECHANICAL SPECIFICATIONS**

Parameter	Value	Unit
Dimension	24 × 18 × 10	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:**

