

Low Noise Amplifier



0.1-10GHz LNA,30dB Gain
SMA-K

GWLNA001100-30

Electrical Specifications

	Min	Typ	Max
Frequency Range, GHz	0.1		10
Gain[dB]		30	
Gain Flatness[dB]		±2	
Noise factor[dB]		3.5	
Output at 1dB Compression Point (dBm)		15	
Input Return Loss (dB)	8	12	20
Output Return Loss (dB)	12	15	18
Operating DC Voltage(volts)		12	
Operating DC Current(mA)		150	

Absolute Maximum Ratings

Source Voltage(volts)	+13
RF input Power (dBm)	-15
Operating Temperature(°C)	-20~70
Storage Temperature(°C)	-55~100

Outline Drawing

