

# Low Noise Amplifier

## Preliminary Specifications

(Input and Output built-in Isolator)

Serial	Parameters	
1	Frequency Range	10250~ 10700 MHz
2	NF	$\leq 2.0$ dB
3	Gain	$\geq 21$ dB
4	P-1 output power	$\geq 10$ dBm
5	Input and output VSWR	$\leq 1.3:1$ max
6	Ripple	$\leq \pm 1$ dB
7	DC IN	$12V \pm 10\%$
8	Operating Temp	-10~+50°C (The over temperature parameter guaranteed by design)
9	Dimension	100 x 30 x 20 (Unit: mm)
Isolator (inside)		
1	VSWR	$\leq 1.2$
2	Insertion Loss	$\leq 0.4$ dB
3	Power Handling	1W
4	Isolation	$\geq 21$ dB

Outline drawing (unit: mm )

