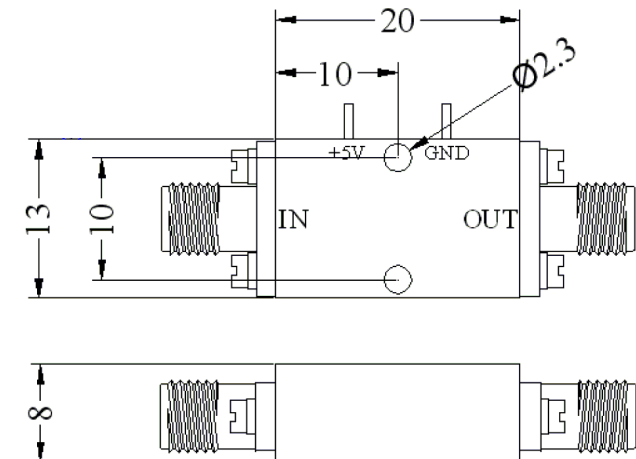


**Electrical Specifications, TA = +25 ° C, With Vdd = +5V**

Parameter	Min	Type	Max	Min	Type	Max	Units
Frequency Range	17~18.5						GHz
Gain		14	15				dB
Gain Variation Over Temperature		0.5	0.8				dB
Noise Figure		2.0	2.5				dB
Input VSWR		1.8	2				
Output VSWR		1.8	2				
Output Power For 1dB Compression (P-1dB)	9	10					dBm
Saturated Output Power (Psat)	10	11					dBm
Output Third Order Intercept (IP3)		20					dBm
Supply Current (Idd) (Vdd=+12V)		100	120				mA
Input Max		0					dBm
Weight	50						g
Impedance	50						Ohms
Input /Output Connector	SMA-Female						



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**General Description**

**Low Noise Amplifier DBS Band  
Frequency Range: 17.0 – 18.5GHz**



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*AtlanticTecRF is a brand name of Atlantic Microwave Ltd.*

**Drawing Number:**

**ENG14-016**

**Rev:**

Dw	Check	Date	Scale	Projection
	31/07/14		NTS	
Rev.	Description	Date	Approval	