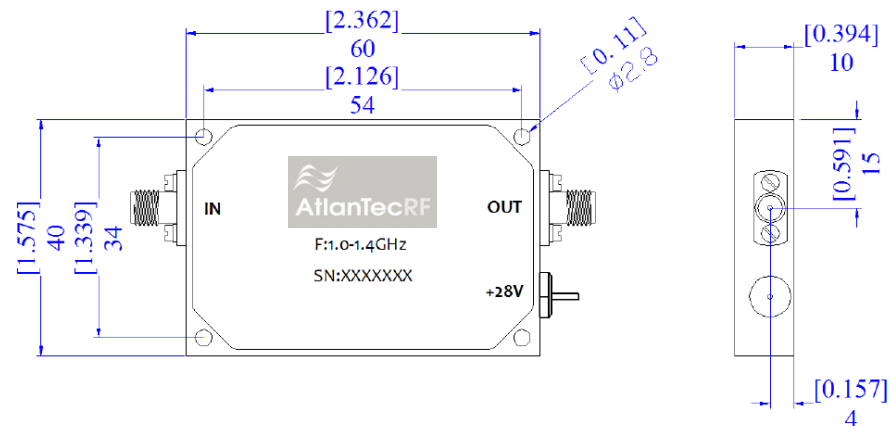


**Electrical Specifications,  $T_A = +25^\circ C$ ,  $V_{dd} = +28V$  50 Ohm System,**

Parameter	Min	Type	Max	Min	Type	Max	Units
Frequency Range	1-1.4						GHz
Gain	10	11					dB
Gain Variation Over Temperature		0.8	1				dB
Gain Flatness Over full band		$\pm 0.5$					
Noise Figure		-	-				dB
Input VSWR		1.6	2				
Output VSWR		1.5	2				
Output Power For 1dB Compression (P-1dB)	37	37					dBm
Saturated Output Power (Psat)	37	38					dBm
Output Third Order Intercept (IP3)		47					dBm
Supply Current (I <sub>dd</sub> )		500	700				mA
Isolation S <sub>12</sub>	45	50					dB
Input Max		30					dBm
Weight	300						g
Impedance	50						Ohms
Input /Output Connector	SMA-Female						
Finishing	Nickel plating						
Material	Aluminum						



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**General Description**

**5W Linear Power Amplifier  
L band**



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

**Drawing Number:  
ENG14-043**

**Rev:**

Dw	Check	Date	Scale	Projection
	01/08/14		NTS	
Rev.	Description	Date	Approval	