



Amplifier Specification

Customer:

Quote#:

Contact:

Date: 9/9/2017

Customer Doc#:

Aldetec P/N: ALS05285

rev -

Parameter		Units	Specification	Comments
Frequency Range:		GHz	6.0-18.0	
Small Signal Gain:		dB	33-40	
Gain Flatness:		dB	(+/-) 1.5	
Gain Flatness overtemp:		dB	(+/-) 1.5	
Noise Figure:		dB	5.0	
Output Power: (P1dB)		dBm	20 min.	
IP3:		dBm	29 min.	
Harmonics:		dBc	-10	
VSWR	Input	Ratio :1	2.0	
	Output	Ratio :1	2.0	
Input Power Handling		dBm	+10	
Supply Voltage		Volts	+15 (+/-).5)	
Current		mA	480 typ.	
Operating Temperature		deg C	-10 to +55	
Case Type			L4	
Connector Type		In	SMA-F	
		Out	SMA-F	

Finish And Labeling:

Aldetec Green paint. Label to include Aldetec P/N,
 Serial Number, Date Code, Input/Output and Supply Voltage.
 Label (Silkscreen permanent Ink)

Final Acceptance Testing

All units to be provided with Standard Aldetec Acceptance Data: Gain, Noise figure,
 Power, VSWR In/Out , and Current at +25 deg C.

*Certificate of Compliance to be provided.

**Inspection System: Mil-I-45208A

