



1373 Lincoln Avenue, Holbrook NY Tel: 631 521 7831 Fax: 631 521 7871

**IMPORTANT - MUST USE HEAT SINK IF CASE TEMPERATURE EXCEEDS 50°C**

Specifications at 23°C			
Frequency:	5.0- 7.0 GHz	Output Power @ 1dB Comp. Pt:	+ 10 dBm
Gain:	34 dB min.	Voltage/Current: DC Power	15 VDC @150 mA, nom.
Gain Flatness:	± 1 dB max	Measured Current:	119 mA
VSWR Input:	1.5:1	Max. Noise Figure:	0.6 dB
VSWR Output:	1.5:1 Z=50 Ohms	Outline: Model:	D4 EM10148A

**Note: Test data taken with case temperature of +23 °C**

Frequency (GHz)	Gain (dB)	VSWR		Noise Figure (dB)	Output Power @ 1dB Comp. (+dBm)
		In	Out		
5	36.5	1.43	1.28	0.57	11
6	37.4	1.27	1.27	0.54	11.5
7	38.2	1.49	1.30	0.57	12.4

Data taken at 23°C unless otherwise stated.

**COMMENTS:**

**TESTER:** \_\_\_\_\_

**DATE:** 7/2/2013

E-mail: [sales@amplitechinc.com](mailto:sales@amplitechinc.com) • website: [www.amplitechinc.com](http://www.amplitechinc.com)