



35-3 Carlough Road, Bohemia NY 11716 Tel: 631 521 7831 Fax: 631 521 7871

Serial Number: 110292
Model No.: APT3-02000400-0610-D4

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

Specifications at 23°C			
Frequency:	2.0- 4.0 GHz	Output Power @ 1dB Comp. Pt:	+ 10 dBm
Gain:	32 dB min.	Voltage/Current: DC Power	+15 VDC @150 mA, nom.
Gain Flatness:	± 1.0 dB max	Measured Current:	110 mA
VSWR Input:	2.0:1	Max. Noise Figure:	0.6 dB
VSWR Output:	2.0:1 Z=50 Ohms	Outline: Model:	D4 EM 10010H

**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		
2	36.8	1.36	1.92	0.48	12.5
3	38.1	1.28	1.98	0.53	12
4	37.5	1.44	1.94	0.57	11

Data taken at 23°C unless otherwise stated.

**COMMENTS:** Do not apply DC Voltage to the INPUT. The maximum RF CW Input to the unit is +15 dBm.

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

DATE: 3/06/15

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