



35-3 Carlough Road, Bohemia NY 11716

Tel: 631 521 7831 Fax: 631 521 7871

Serial Number: 105954
Model No.: APTMP3-01000200-2523-D4

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

Specifications at 23°C			
Frequency:	1- 2 GHz	Output Power @ 1dB Comp. Pt:	+ 23 dBm
Gain:	29 dB min.	Voltage/Current: DC Power	15 VDC @225 mA, nom.
Gain Flatness:	± 1.5 dB max	Measured Current:	197 mA
VSWR Input:	2.0:1	Max. Noise Figure:	2.5 dB
VSWR Output:	2.5:1 Z=50 Ohms	Outline: Model:	D4 EM 10168A

**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		
1	29.4	1.26	1.71	0.90	23
1.5	29.7	1.53	1.99	0.86	23
2	29.5	1.98	2.27	1.00	23

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: 5/04/15

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