



35-3 Carlough Road, Bohemia NY 11716

Tel: 631 521 7831 Fax: 631 521 7871

Serial Number: 107953

Model No.: APTMP6-06001800-3520-D4

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

Specifications at 23°C			
Frequency:	6.0- 18.0 GHz	Output Power @ 1dB Comp. Pt:	+ 20 dBm
Gain:	18 dB min.	Voltage/Current: DC Power	15 VDC @300 mA, nom.
Gain Flatness:	± 1.5 dB max	Measured Current:	280 mA
VSWR Input:	2.0:1	Max. Noise Figure:	3.5 dB
VSWR Output:	2.0:1 Z=50 Ohms	Outline: Model:	D4 EM 10138F

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		
6	21.8	1.32	1.67	2.75	23.5
10	21.6	1.46	1.61	2.86	23.5
14	21.1	1.60	1.50	2.91	23
16	21.2	1.45	1.74	3.12	22.5
18	19.9	1.93	1.58	3.38	22

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: 11/19/12

E-mail: sales@amplitechinc.com • website: www.amplitechinc.com