



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

Serial Number: 107957
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:	18-20 dB	Voltage/Current: DC Power	15 VDC @300 mA, nom.
Gain Flatness:	± 1.0 dB max	Measured Current:	273 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	19.3	1.62	1.60	2.96	23.5
10	21.3	1.26	1.32	2.81	23.5
14	21.0	1.42	1.41	2.73	23
16	21.0	1.10	1.27	2.85	22.5
18	19.3	1.57	1.97	3.16	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

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