



620 Johnson Avenue, Bohemia NY 11716

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Serial Number: 104410
Model No.: APT4-00501800-2410-D4

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

Specifications at 23°C			
Frequency:	0.5- 18.0 GHz	Output Power @ 1dB Comp. Pt:	+ 10 dBm
Gain:	20 dB min.	Voltage/Current: DC Power	+15 VDC @225 mA, nom.
Gain Flatness:	± 2.5 dB max	Measured Current:	137 mA
VSWR Input:	2.5:1	Max. Noise Figure:	2.4 dB
VSWR Output:	2.5:1 Z=50 Ohms	Outline: Model:	D4 EM 10023H

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		
0.5	24.1	1.94	1.07	2.49	11
2	24.2	1.85	1.07	2.26	11
6	25.3	2.00	1.13	2.15	12
10	24.6	2.09	1.47	2.14	15
14	26.1	1.27	1.41	1.92	16
18	25.4	1.17	1.52	2.21	16

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: 02/09/2017

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