



620 Johnson Avenue, Bohemia NY 11716 Tel: 631 521 7831 Fax: 631 521 7871

Serial Number: 111318
Model No.: APT3-00102000-2410-D4

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

Specifications at 23°C			
Frequency:	0.1- 20.0 GHz	Output Power @ 1dB Comp. Pt:	+ 10 dBm
Gain:	19 dB min.	Voltage/Current: DC Power	+15 VDC @150 mA, nom.
Gain Flatness:	± 2.5 dB max	Measured Current:	72 mA
VSWR Input:	2.5:1	Max. Noise Figure:	2.5 dB
VSWR Output:	2.5:1 Z=50 Ohms	Outline: Model:	D4 EM 10023L

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		
0.1	25.7	2.12	1.22	3.22	10.5
0.5	26.3	2.11	1.21	2.49	10
2	26.5	2.05	1.26	2.24	10
6	25.8	1.88	1.54	2.23	11
10	24.5	2.02	1.39	2.36	12.5
14	24.4	1.77	1.39	2.15	12.5
18	24.2	1.85	1.11	2.27	13
20	22.2	2.02	1.31	2.35	15

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: 9/13/16

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