



620 Johnson Avenue, Bohemia NY 11716

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Serial Number: 110146
Model No.: APT3-00100600-1310-D4

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

Specifications at 23°C			
Frequency:	0.1- 6.0 GHz	Output Power @ 1dB Comp. Pt:	+ 10 dBm
Gain:	28 dB min.	Voltage/Current: DC Power	+15 VDC @125 mA, nom.
Gain Flatness:	± 1.25 dB max	Measured Current:	100 mA
VSWR Input:	2.0:1	Max. Noise Figure:	1.3 Db*
VSWR Output:	2.0:1 Z=50 Ohms	Outline: Model:	D4 EM 10172E

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	31.0	1.96	1.24	1.17	11
0.5	31.1	1.85	1.24	1.11	11
2	30.2	1.61	1.33	1.08	11
4	29.6	1.25	1.38	1.00	11.5
6	31.2	1.97	1.67	1.27	12.5

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. *Noise figure specified above 200 MHz.

TESTER: _____

DATE: 12/12/14

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