



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

Serial Number: 111169
Model No.: APT4-04000800-0610-D4

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

Specifications at 23°C			
Frequency:	4.0- 8.0 GHz	Output Power @ 1dB Comp. Pt:	+ 10 dBm
Gain:	35 dB min.	Voltage/Current: DC Power	+15 VDC @150 mA, nom.
Gain Flatness:	± 1.0 dB max	Measured Current:	142 mA
VSWR Input:	2.0:1	Max. Noise Figure:	0.6 dB
VSWR Output:	2.0:1 Z=50 Ohms	Outline: Model:	D4 EM 10148D

**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		
4	40.5	1.84	1.26	0.59	12.5
5	40.3	1.26	1.31	0.53	12.5
6	39.4	1.23	1.50	0.51	12.5
7	39.3	1.24	1.77	0.56	13
9	40.4	1.54	1.98	0.58	13

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: 9/16/15

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