



35-3 Carlough Road, Bohemia NY 11716

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Serial Number: 110242
Model No.: APT3-00500100-0610-D4

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

Specifications at 23°C			
Frequency:	0.5- 1.0 GHz	Output Power @ 1dB Comp. Pt:	+ 10 dBm
Gain:	35 dB min.	Voltage/Current: DC Power	+15 VDC @100 mA, nom.
Gain Flatness:	± 0.5 dB max	Measured Current:	118 mA
VSWR Input:	2.5:1	Max. Noise Figure:	0.6 dB
VSWR Output:	2.0:1 Z=50 Ohms	Outline: Model:	D4 EM 10155B

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		
.500	41.0	2.45	1.23	0.58	14
.750	41.0	2.06	1.24	0.59	14
1	40.6	1.82	1.25	0.58	14

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: 2/11/15

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