



60 Davids Drive, Hauppauge NY11788

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Serial Number: 100834
Model No.: APT2-00030250-1010-D4

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

Specifications at 23°C			
Frequency:	0.03- 2.50 GHz	Output Power @ 1dB Comp. Pt:	+ 10 dBm
Gain:	20 dB min.	Voltage/Current: DC Power	+15 VDC @75 mA, nom.
Gain Flatness:	± 1.5 dB max	Measured Current:	120 mA
VSWR Input:	2.5:1	Max. Noise Figure:	1.0* dB
VSWR Output:	2.5:1 50 Ohms Impedance	Outline: Model:	D4 EM 10070

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		
0.03	29.6	1.82	1.12	1.41	11
0.10	29.8	1.73	1.12	0.97	11
0.50	29.8	1.79	1.12	0.98	11
1.5	29.0	1.69	1.18	0.79	11
2.5	27.5	1.89	1.27	1.00	11

Data taken at 23°C unless otherwise stated.

COMMENTS: *N.F. SPECIFIED ABOVE 0.1 GHz.

TESTER: _____

DATE: 09/01/2005

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