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Tel: 631 435 0603 Fax: 631 435 0604

Serial Number: 101643
Model No.: APT2-00010100-1210-D4

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

Specifications at 23°C			
Frequency:	.01- 1.0 GHz	Output Power @ 1dB Comp. Pt:	+ 10 dBm
Gain:	14 dB min.	Voltage/Current: DC Power	+15 VDC @165 mA, nom.
Gain Flatness:	± 1.0 dB max	Measured Current:	41 mA
VSWR Input:	2.3:1	Max. Noise Figure:	1.2 dB
VSWR Output:	2.3:1 Z=50 Ohms	Outline: Model:	D4 EM 10119A

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		
.01	15.7	2.08	1.21	1.20	12
.1	16.3	2.06	2.26	1.15	12
.5	16.0	1.96	1.96	1.03	12.3
1.0	16.2	1.64	1.61	0.78	12.3

Data taken at 23°C unless otherwise stated.

COMMENTS: *N.F. FROM 10 MHz TO 45 MHz will be 5 dB typical. From 45 MHz to 100 MHz, NF is 2.0 dB. From 100 MHz up, the NF will be 1.0 dB.

TESTER: _____

DATE: 07/05/2006

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