



60 Davids Drive, Hauppauge NY11788 Tel: 631 435 0603 Fax: 631 435 0604

Serial Number: 100612
Model No.: APT3-01000200-0310-D4

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

Specifications at 23°C			
Frequency:	1- 2 GHz	Output Power @ 1dB Comp. Pt:	+ 10 dBm
Gain:	38 dB min.	Voltage/Current: DC Power	+15 VDC @225 mA, nom.
Gain Flatness:	± 0.5 dB max	Measured Current:	145 mA
VSWR Input:	2.0:1	Max. Noise Figure:	0.3 dB
VSWR Output:	2.0:1 50 Ohms Impedance	Outline:	D4
		Model:	SN 100612

Note: Test data taken with case temperature of 23°C

<u>Frequency (GHz)</u>	<u>Gain (dB)</u>	<u>VSWR</u>		<u>Noise Figure (dB)</u>	<u>Output Power @ 1dB Comp. (+dBm)</u>
		<u>In</u>	<u>Out</u>		
1.0	41.6	1.98	1.20	0.24	14
1.3	41.1	1.59	1.15	0.24	14
1.7	41.0	1.53	1.12	0.23	14
2.0	41.2	1.54	1.15	0.29	15

Data taken at 23°C unless otherwise stated.

COMMENTS: DC CURRENT/POWER DISSIPATION CAN BE REDUCED SIGNIFICANTLY IF LOWER GAIN AND LOWER P1dB IS ACCEPTABLE.

TESTER: _____

DATE: 6/1/2017