



620 Johnson Avenue, Bohemia NY 11716 Tel: 631 521 7831 Fax: 631 521 7871

Serial Number: 117280
Model No.: APT3-08001200-2010-D4-GP

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

Specifications at 23°C			
Frequency:	8.0- 12.0 GHz	Output Power @ 1dB Comp. Pt:	+ 10 dBm
Gain:	33 dB min.	Voltage/Current: DC Power	+15 VDC @125 mA, nom.
Gain Flatness:	± 0.8 dB max	Measured Current:	189 mA
VSWR Input:	1.8:1	Max. Noise Figure:	2.0 dB
VSWR Output:	1.8:1 Z=50 Ohms	Outline: Model:	D4 EM 10571A

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		
8.0	34.5	1.54	1.12	1.53	16.6
10.0	34.4	1.59	1.11	1.64	16.1
12.0	35.0	1.32	1.18	1.46	15.8

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: 02/26/2019

E-mail: sales@amplitechinc.com • website: www.amplitechinc.com