



Amplitech

"Amplify Your Potential"

620 Johnson Avenue, Bohemia NY 11716

Tel: 631 521 7831 Fax: 631 521 7871

Serial Number: 113264

Model No.: APTMP5-00501800-3523-D4

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

Specifications at 23°C			
Frequency:	0.5- 18.0 GHz	Output Power @ 1dB Comp. Pt:	+ 23 dBm
Gain:	33 dB min.	Voltage/Current: DC Power	+15 VDC @475 mA, nom.
Gain Flatness:	± 3.0 dB max	Measured Current:	385 mA
VSWR Input:	2.5:1	Max. Noise Figure:	3.5 dB
VSWR Output:	2.5:1 Z=50 Ohms	Outline: Model:	D4 EM 10587A

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		
0.5	39.3	1.08	1.16	3.19	25
2	40.0	1.12	1.09	2.90	25
6	41.3	1.39	1.38	2.83	26
10	39.4	1.52	1.19	2.73	26
14	39.2	1.31	1.08	2.37	25
18	42.0	1.14	1.54	2.07	23

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: 02/09/18

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