



35-3 Carlough Road, Bohemia NY 11716 Tel: 631 521 7831 Fax: 631 521 7871

Serial Number: 111104
Model No.: APTMP5-02001800-5027-D6

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

Specifications at 23°C			
Frequency:	2.0- 18.0 GHz	Output Power @ 1dB Comp. Pt:	+ 27 dBm
Gain:	34 dB min.	Voltage/Current: DC Power	+15 VDC @1.0 mA, nom.
Gain Flatness:	± 2.5 dB max	Measured Current:	1.036 mA
VSWR Input:	2.5:1	Max. Noise Figure:	5.0 dB
VSWR Output:	2.5:1 Z=50 Ohms	Outline: Model:	D6 EM 10317A

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		
2	38.1	1.57	1.47	3.85	28.5
6	35.8	1.56	1.76	3.63	30.0
10	37.3	1.68	1.70	3.62	29.0
14	39.4	1.38	1.24	3.42	27.0
18	37.7	2.64	1.58	4.13	27.0

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. *CUSTOMER ACCEPTS OUT OF SPEC CONDITON.

TESTER: _____

DATE: 8/21/15

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