



35-3 Carlough Road, Bohemia NY 11716

Tel: 631 521 7831 Fax: 631 521 7871

Serial Number: 107889
Model No.: APTW4-25002750-150K10-WR34+D22

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

Specifications at 23°C			
Frequency:	25.0- 27.5 GHz	Output Power @ 1dB Comp. Pt:	+ 10 dBm
Gain:	40 dB min.	Voltage/Current: DC Power	15 VDC @125 mA, nom.
Gain Flatness:	± 1.5 dB max	Measured Current:	131 mA
VSWR Input:	2.0:1	Max. Noise Figure:	150K
VSWR Output:	2.0:1 Z=50 Ohms	Outline: Model:	WR34+D22 EM 10170B/10389A

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

Frequency (GHz)	Gain (dB)	VSWR		Noise Figure (K)	Output Power @ 1dB Comp. (+dBm)
		In	Out		
25.0	41.5	1.28	1.57	148	12.1
26.0	42.8	1.11	1.25	145	12.3
27.0	43.1	1.89	1.31	147	11.9
27.5	42.8	1.79	1.45	140	12.2

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: 09/12/12

E-mail: [sales@amplitechinc.com](mailto:sales@amplitechinc.com) • website: [www.amplitechinc.com](http://www.amplitechinc.com)