



35-3 Carlough Road, Bohemia NY 11716

Tel: 631 521 7831 Fax: 631 521 7871

Serial Number: 108999
Model No.: APTW5-25002750-150K10-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:	50 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	52.1	1.38	1.75	142	11.9
26.0	51.8	1.19	1.35	146	12.1
27.0	51.5	1.99	1.29	143	11.1
27.5	50.3	1.89	1.56	149	11.7

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: 12/19/13

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