



35-3 Carlough Road, Bohemia NY 11716

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Serial Number: 110313

Model No.: APTW5-07700850-55K13-WG1112-D6

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

Specifications at 23°C			
Frequency:	7.7- 8.5 GHz	Output Power @ 1dB Comp. Pt:	+ 13 dBm
Gain:	50 dB min.	Voltage/Current: DC Power	+15 VDC @275 mA, nom.
Gain Flatness:	± 1.0 dB max	Measured Current:	205 mA
VSWR Input:	1.5:1	Max. Noise Figure:	55 °K
VSWR Output:	1.5:1 Z=50 Ohms	Outline: Model:	D6 EM 10216D

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		
7.7	57.9	1.09	1.19	51.1	13
8.2	57.9	1.13	1.22	54.7	13.5
8.5	57.7	1.12	1.26	54.8	14

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: 06/30/15

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