



620 Johnson Avenue, Bohemia NY 11716

Tel: 631 521 7831 Fax: 631 521 7871

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| Serial Number: 113055 |
| Model No.: APTW6-03400420-33K10-WR229-D6 |

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

| Specifications at 23°C | | | |
|------------------------|--------------------|------------------------------|-----------------------|
| Frequency: | 3.4- 4.2 GHz | Output Power @ 1dB Comp. Pt: | + 10 dBm |
| Gain: | 60 dB | Voltage/Current: DC Power | +15 VDC @175 mA, nom. |
| Gain Flatness: | ± 3.0 dB max | Measured Current: | 170 mA |
| VSWR Input: | 1.4:1 | Max. Noise Temp: | 33 K |
| VSWR Output: | 1.4:1 Z=50 Ohms | Outline: Model: | WR229+D6 EM 10593A |

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

| Frequency (GHz) | Gain (dB) | VSWR | | Noise Temp. (K) | Output Power @ 1dB Comp. (+dBm) |
|-----------------|-----------|------|------|-----------------|---------------------------------|
| | | In | Out | | |
| 3.4 | 64.6 | 1.15 | 1.34 | 31.3 | 11.6 |
| 3.8 | 63.2 | 1.23 | 1.26 | 32.0 | 11.5 |
| 4.2 | 62.2 | 1.16 | 1.24 | 29.3 | 11.6 |
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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: 11/28/16

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