MTG 5082H
Continuous Wave TWT
2.5 GHz – 8.0 GHz

- 215 W Minimum Power
- 2.5 to 8.0 GHz
- -40° to 85° C
- 943 W Typ. Prime Power
- 40-64 dB Typical Gain
- 19.9" L x 2.52" W x 3.2" H (50.5 x 6.4 x 8.1 cm)
- Phase Match Available

RF Performance

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<tbody>
<tr>
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<td>220</td>
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<tr>
<td>3.0</td>
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<td>6.0</td>
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<tr>
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<tr>
<td>8.0</td>
<td>250</td>
<td>215</td>
<td>40</td>
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Typical power output is shown to illustrate capability. Typical gain shown is without equalizer.

Performance

- Input VSWR: 2:1
- Output VSWR: 2:1
- Max. Duty: CW
- Grid Capacitance: 47 pF
- Min. Harmonic Separation: -2.5 dBc
- Noise Power Density: -12 dBm/MHz
- Prime Power: 943 W

Cathode voltage is measured with respect to ground.
Heater, Collector, and Grid voltages are measured with respect to Cathode.

Specifications are subject to change without notice.
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