## VTL5341H3

# L-Band 6 kW Ring Loop TWT

### **CPI Electron Device Business - TWT**



Long life L-Band ring loop TWT. Forced air cooled at 70cfm. With a history of producing high quality products, we can help you with your TWT.

Contact us at ElectronDevices@cpi-edb.com or at call us at +1 978-922-6000.

#### FEATURES:

- Frequency 1.24 1.36 GHz
- Peak power output 6 kW
- Duty cycle .032
- Pulsewidth 40 µS
- Saturated gain 52 dB
- Heater 19 V @ 3.0 A
- Peak cathode voltage 11.0 kV
- Peak cathode current 2.5 A
- Grid pulsed
- Grid pulse voltage 300 Volts
- Grid bias voltage -50 Volts
- Grid current 100 mA
- Body current 800 mA

#### **BENEFITS**:

- High-power
- High gain

#### **APPLICATIONS:**

Ground-based radar



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For more detailed information, please refer to the correspond-ing CPI EDB technical description if one has been published, or contact CPI EDB. Specifications may change without notice as a result of additional data or product refinement. Please contact CPI EDB before using this information for system design.

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