

## S-Band 3 MW Coaxial Magnetron

### VMS1143B

#### Features:

- Frequency 2.7 – 2.9 GHz
- Peak Power Output 3 MW
- Duty Cycle .0008
- Anode Voltage 65 kV
- Anode Current 100 amps
- Pulse Width 2 microseconds
- Heater 9 volts @ 21 amps
- Liquid cooled
- Mechanically tunable

#### Benefits:

- Long life
- Exceptional frequency stability



#### Applications:

- Threat simulator radars
- Air traffic control radars

The values listed above represent specified limits for the product and are subject to change. The data should be used for basic information only. Formal, controlled specifications may be obtained from CPI for use in equipment design.

For information on this and other CPI products visit our webpage at [www.cpii.com/BMD](http://www.cpii.com/BMD), or contact:  
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