## **Communications & Power Industries Coaxial Magnetron**



The SFD313A is a coaxial magnetron delivering high peak and average RF power for use in various radar transmitters.

In addition to high power, the SFD313A provides excellent frequency stability, low jitter and long life.

With a history of producing high quality products, we can help your with magnetron.

Contact us at BMDMarketing@cpii.com or call us at +1 978-922-6000.

## **FEATURES:**

- Frequency 5.45 5.85 GHz
- Peak power output 1 MW min.
- .25 µsec PW @ .0004 duty
- 2.0 µsec PW @ .001 duty
- Anode voltage 36 kV
- Anode current 60 amps
- Heater 5 volts @ 19 amps
- Air cooled
- Mechanically tunable

## **BENEFITS:**

- >40,000 hours life
- Exceptional frequency stability

## **APPLICATIONS:**

• Ground-based tracking radars



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

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