CPI Electron Device Business - 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 ElectronDevices@cpi-edb.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 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 the information for orienter dealers. this information for system design.

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