Hi-Rel Components for Military and Space Applications

- JANS/JANTX/JANTXV Qualified Components for Harsh Environments
- DLA MIL-PRF-19500 Certified
- Laboratory Suitability Status MIL-STD-750
- ISO9001:2015 Certified

Our Product Portfolio

- Hi-Rel Diodes
- Zeners
- Temperature Compensated Zeners
- Current Regulators
- Hi-Rel NPN Transistors
- NPN and PNP Small Single Bipolar Transistors
- NPN and PNP Power Switching Transistors
- Silicon Controlled Rectifiers
- MOSFETs
- All Product Categories are Qualified to MIL-PRF-19500 Quality Levels JAN, JANTX, JANTXV as Well as JANS and JANSR
- RAD HARD Qualified Transistors Available up to 100Krads
- Chip Versions Available in Both JANHC and JANKC per MIL-PRF-19500
- Custom Packaging
- Hi-Rel Test Services
- ISO9001:2015 Certified

About Us and Our Products

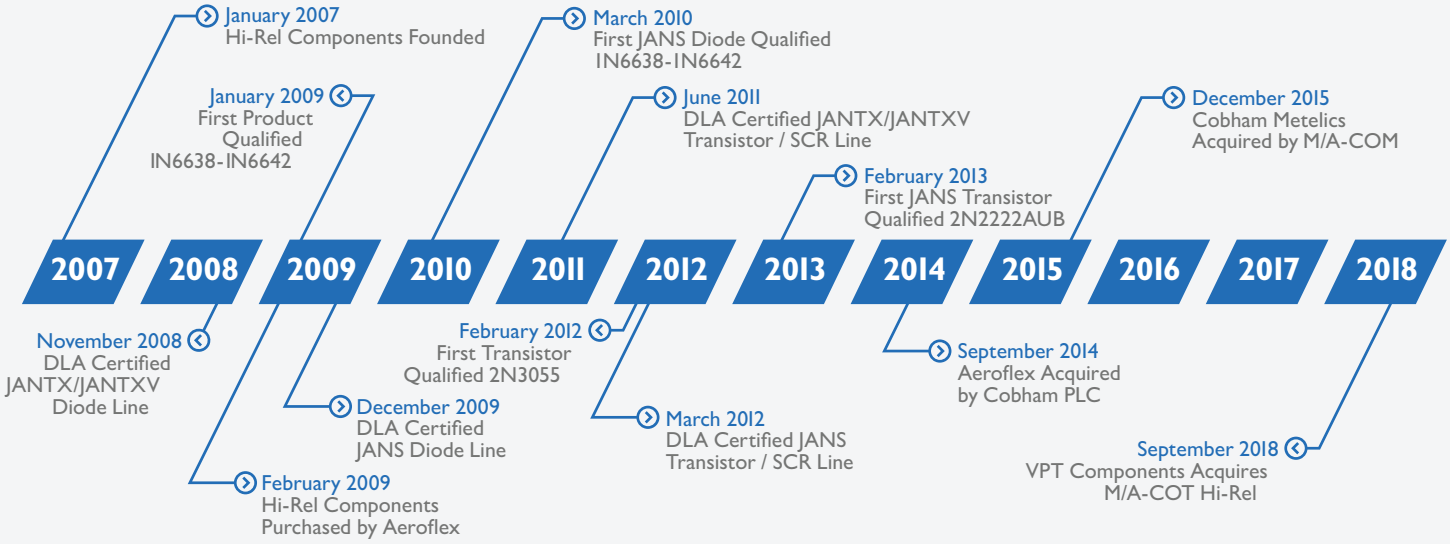
VPT Components was formed as a collaboration between VPT Inc., a global leader in power conversion solutions, and Solid State Testing, an established electronic test and assembly company. VPT Components is now one of the largest providers of JAN certified semiconductors along with a full-service facility for the independent, unbiased testing and custom assembly of electronic components.

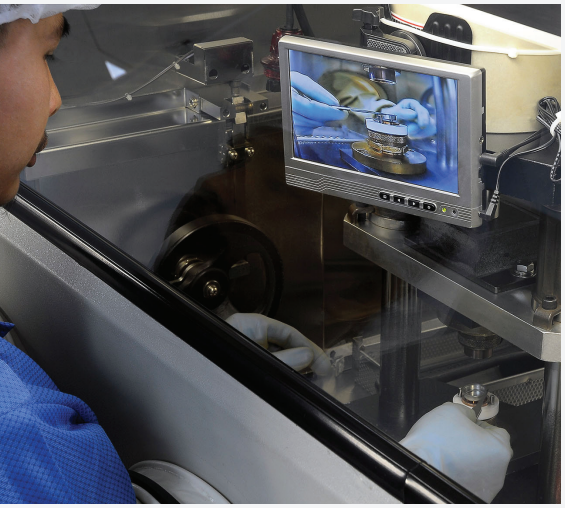
VPT Components has acquired the assets of MACOM's Hi-Rel Components business (formerly Aeroflex Metelics) located in Lawrence, MA. We are committed to supporting the former MACOM slash sheet qualifications as previously listed on the QML. This provides us with an additional 40,000 square feet of state of the art manufacturing and test capability of high reliability discrete semiconductors that we are adding to our product portfolio.

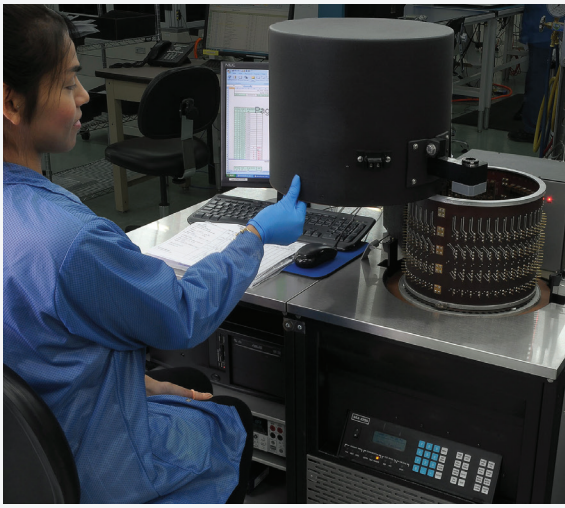
We recently expanded our Billerica, MA operations to a 19,800 square foot facility with 4,500 square feet of class 10,000 clean room for discrete/hybrid assembly. The addition of $5M in new test, assembly, and screening equipment enables us to assemble a wide variety of hermetically sealed components to the highest quality levels. VPT Components keeps pace with advancing technology by continually adding new and increasingly sophisticated automatic test and assembly capabilities.

Our expanding product portfolio includes MIL-PRF-19500 qualified Rad Hard NPN and PNP small signal and power switching transistors, SCRs, and MOSFETs along with an extensive offering of zeners, rectifiers, diodes and Schottky products including JANHC and JANKC qualified chips. Custom products and packaging services are also available.

Our History







Quality Statement

VPT Components is dedicated to customer satisfaction by producing reliable products that are delivered on-time at an exceptional value. With diligence, experience, and teamwork, our team is committed to performing at the highest standards of excellence. We take pride in maintaining our Quality Management System and quality objectives, while seeking continual improvement. Our success is driven by quality-focused management, employee dedication, and supplier commitment.

REACH Regulation 1907/2006

VPT Components understands and recognizes the importance of the REACH regulation (Registration, Evaluation, Authorization and Restriction of Chemicals) to our European customers. We have completed both a REACH Product Survey and Industrial Process Survey for a major European space customer. We have created an internal REACH certificate for our European customers that is available for review (LW15200) per European Chemical Agency (ECHA).

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