

NASCENTTechnology™

A subsidiary of Newava Technology

HIREL and ITAR Products:
Multi-layer Ceramic and Wire-wound Magnetics
Transformers and Inductors
Cable and Harness Assemblies



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Company Info

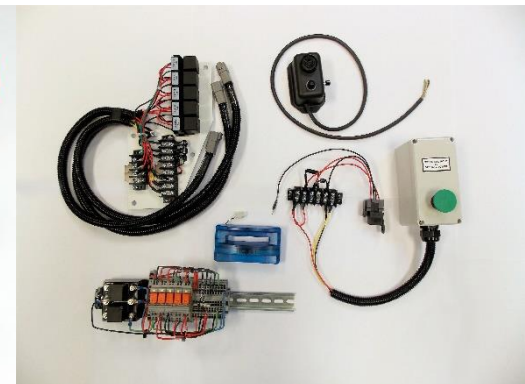
NASCENTechnology Manufacturing, Inc.:

- Watertown, SD USA
- ITAR Registered: DTC# M20490
- 16 years supplying ITAR transformers
- Became a subsidiary of Newava Technology, Inc., on 6/1/2019
- Supply high quality wire harnesses and custom cable assemblies
- Small Business/Non-Traditional Defense Contractor
- ISO9000/AS9100 Compliant Quality System
- *Claim to Fame:* *Smallest known flyback transformers in the world!*

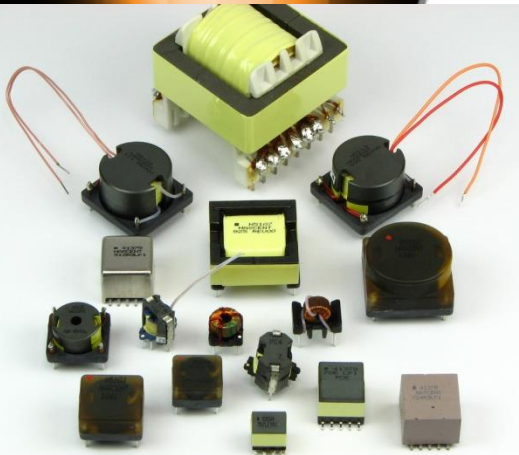


NASCENT™ Products

- Ferrite LTCC Transformers
- Ferrite LTCC Inductors
- Specialty Wire Wound Magnetic Components
- Normally, ITAR and/or HIREL oriented
- Cable and Harness Assemblies



Custom High-Reliability Wire-Wound Magnetics



- ITAR Power magnetics under 200 W output
- Custom design, prototyping & low to up to high volume available
- Built using standard or custom tooled components & vacuum encapsulation using specialized potting systems available (for high mechanical and thermal shock survivability).
- We will design to your application requirements.
- We will reverse engineer existing samples.
- Will also build to print.



Cable and Harness Assemblies



- Ability to design, rapidly create prototypes, and finally launch products into production
- Environmental, electrical surge and mechanical stress testing capabilities
- Meticulously custom built to customer specifications and requirements
- Wire harnesses may consist of various types and sizes of wire, solder, and crimp type terminals, along with various electrical components specified by our customers
- Provide design, engineering, and wire harness manufacturing from small orders to high volume production
- Our ITAR registration and export control systems allow us to carefully manage controlled information related to sensitive wire harness and cable assembly end uses.
- Our QA systems are ISO900 and AS9100 compliant and we are NIST SP 800-117 compliant while making plans for the next evolution in DoD cybersecurity regulations based on the emerging CMMS expectations.



Facility Capability

- Over 30 years expertise in wire-wound magnetics and cable/harness assembly design & production
- Full in-house engineering department
- We have the capability of providing a feasibility design review for LTCC and wire-wound for application comparisons
- Headquartered in Watertown, SD USA.
- Customer specific reliability testing available
- Class 10,000 clean room used for LTCC
- Adherence to quality standards ISO9000 and AS9100 and ITAR laws.

