



A Manufacturer's Representative



Connectors

- M32139 (Nano), M55302 & M83513 (Micro-D)
- VerSI high-speed signal integrity connectors
- Additional high speed interconnect offerings and custom connector capability

Value Add

- Design and assembly of high reliability harnesses, CCAs and complete boxes
- Design & production of complex power supplies
- CCA capabilities include SMT, thru-hole / mixed technology, BGA, AOI, X-ray, conformal coating, and ICT

Flexible Printed Circuits

- High reliability flexible printed circuits with complete design and assembly support
- Design support, prototype and production manufacturing at the same AS9100 facility
- Single sided, double sided, multi-layer, rigid and controlled impedance flexes



- Precision machining and automated assembly
- Small precision components to large hog-outs
- High-end machining centers and lights-out operation



- High reliability OCXO, TCXO & VCXO crystal oscillators
- Space, high vibration and g-compensation oscillators
- GPS disciplining for positioning, navigation & timing



- High reliability PCB manufacturing - M31032, M55110, AS9100, NADCAP certifications
- Simple low layer to high layer count, complex technology and construction
- In-house finishing options include leaded and lead-free HASL, ENIG, and immersion silver



- Optical filters and coatings for displays and lenses.
- Transparent heaters, EMI filters, anti-reflective, night-vision compatible and more.
- Complete display product including LCD, touch screen, bezel and frame.



- Mil-spec filtered connectors: D38999, M26462, M5015 & MIL-24308
- PI filters, Planar Array, Discoidal and Chip Capacitor
- Flex filter inserts for quick-fix EMI test problems or production



- Electro-mechanical assemblies to include test equipment
- Cable assemblies including fully sealed ground vehicle harnesses
- CNC machining, forming and bending, soldering, welding and assembly



- SSPC – SSR's, SSPC's up to 32 channels, 1275 filter modules, bi-di charge controllers
- Diode wafer fab to diode arrays up to JANS rated
- Motor controllers – speed, torque, and sensorless control options – brush & brushless
- Power rectifiers and bridges



- RFI filters – pass-thru to multi-circuit modules
- Magnetics – transformers and inductors – 1mW to 75kW
- Capacitors – Mica, film-foil, metalized, high voltage

Michigan, Indiana, Ohio, Kentucky, W. Pennsylvania

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