

We Listen | We Respond | We Bring Solutions



A Manufacturer's Representative



ADVANCED
CONVERSION
TECHNOLOGY

- Custom hi-reliability power supplies to 30kW+
- COTS and MOTS power supplies from 100W to 2kW



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



- 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



- Custom EMI filters for mil-aero communications & power applications
- MIL PRF 15733 & MIL PRF 28861 equivalent, TEMPEST, HEMP, SCIF
- Standard & custom film foil capacitor winding & inductor manufacturing



- 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.



- Rad Hard GaN FETs
- Rad Hard GaN Drivers and Power Modules



- Hi-reliability flex and rigid-flex up to 40-layers
- Full turn-key: from layout and gerber design to full assembly



- Circuit-card assemblies
- Box-builds and Higher-Level Assemblies (HLA's)
- Hi-reliability cables and harnesses



- M55302 connectors: 0.075" & 0.100" spacing
- Custom PCB connectors



- Electro-mechanical assemblies, prototype, test equipment and ground support
- CNC machining, forming and bending, soldering, welding and assembly



- Filtered connectors, circular & rectangular: Pi, planar array, discoidal & chip capacitor
- Custom connectors: direct connect, custom shells, custom flange mounts



- Hi-Rel Power Engineering: rectifiers, bridges, voltage regulators, TVS & lightning strike
- Si, SiC and GaN modules
- Motor controllers and Solid-State Power controllers up to 32-channel

Indiana, Ohio, Michigan, Kentucky & W Pennsylvania

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