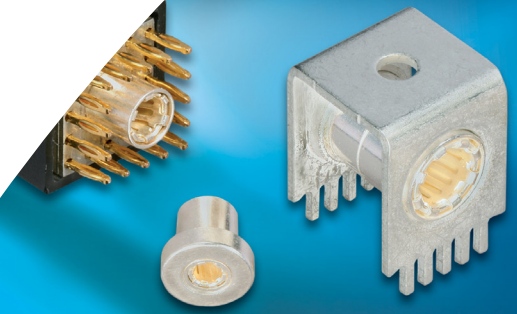


EDM Department

Engineer. Develop. Manufacture.



INTERCONNECT INDUSTRY CAPABILITIES

Having worked in the interconnect industry for the last 15 years, the EDM Dept. knows how to engineer, develop and manufacture to the highest precision standards. Our engineering and manufacturing production is adaptable to your unique needs whether it be: MIL-STD, ISO 13485, TS 16949, AS9100, or another development specification and standard.

EDM Dept has extensive experience in the interconnect industry – working with some of the biggest industry leaders in the world. We know when working with the interconnect industry precision and performance in demanding environments are of critical importance to a project's success. Even better we can offer you a total solution by taking your project from concept to final production or can supplement your team by offering engineering, development and manufacturing of molds and molding components as well as production responsibility.

Project Experience:

- Mold Design, Mold Build, Mold Run.
- Inserts- rectangular, circular, combo, trays, environmental sealing

Specifications:

- MIL- spec 83513
- MIL- spec 32139
- MIL -spec 38399 Series I,II, III,
- MIL -spec 5015
- MIL -24519
- ...and more

Common Materials:

- LCP
- ULTEM
- PEEK
- PPS
- PFA
- Nylon
- Polyethylene
- Fluorosilicone Rubber

Connect with us
for your next
precision project:

630.736.0531
edmdept.com

DID YOU KNOW?

We have designed and built thousands of molds according to military specifications for the interconnect industry in the last 15 years.

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Companies choose EDM Dept because we push the limits of manufacturing finding ways to produce the products people dream of while meeting tough quality standards such as AS9100, ISO9001 or Mil-Spec.



Interconnect companies choose us because:

... we know the Interconnect industry. We know the quality standards. We know the requirements. We know the struggles. We know what the products must endure and how they are being used (and abused).

... we know precision. Our laser focus on precision, tolerances and surface roughness has us constantly looking for ways to improve the manufacturing process. We stretch the limits of manufacturing to find new ways to achieve results while reducing production costs. In fact, EDM Dept is an active partner in US Government's Digital Manufacturing & Design Innovation Institute to continue to lead manufacturing technologies.

...we complement your team. Our vertically integrated manufacturing process allows us to offer solutions from production runs to supplementing your engineering capabilities. Some interconnect companies use us for production manufacturing, some for mold design and build and still others for engineering consulting. Whatever your need, EDM Dept is here to help.

INTERCONNECT INDUSTRY CAPABILITIES

Special Manufacturing Capabilities

- Aspect ratios up to 38:1
- Feature sizes as small as 40µm
- Tolerances as low as 1 micron
- Surface finishes to 4Ra micro inch
- In-depth, non-contact measurements of almost any shape, size and form
- Surface roughness inspection
- 3D part scan to 3D CAD model overlays with difference modeling



We offer production capabilities in Sinker EDM, Wire EDM, Precision and Micro Milling, Laser Ablation and 3D Metrology Services.

Visit www.edmdept.com for details on our services.

(P) 630.736.0531 • (F) 630.736.0530 • edmdept.com

Request a quote at rfq@edmdept.com

Sales inquires at sales@edmdept.com

Visit us at **1261 Humbracht Circle Suite A, Bartlett, IL 60103**



About Us

EDM Department is an engineering firm renowned for micro manufacturing capabilities. Our vertically integrated manufacturing process produces high quality products to extremely tight tolerances – up to 50x smaller than the width of a human hair – meeting the tight tolerances required for a multitude of applications within major manufacturing industries including: medical, defense, telecommunications and interconnect industries. Despite our name, we offer a full suite of engineering, development and manufacturing services including:

- Sinker EDM
- Wire EDM
- Precision & Micro Milling
- Laser Ablation
- Mold & Tool Design
- 3D Metrology Services

Currently, we are working as an active partner in US Government's Digital Manufacturing & Design Innovation Institute to continue to lead manufacturing technologies. Our commitment to quality and implementation of the newest and best electrical discharge machining (EDM) technologies on the market allows us to consistently meet and exceed our customers' needs for tighter tolerances, better finishes and reduced costs.

