



Sefar features a complete range of CAD drafting, artwork generation and editing, using the latest versions of AutoCAD® software. Data for CAD service and/or photo-plotting may be supplied either on disc or attached to E-mail (please include the aperture list), or as a dimensioned drawing. Any electronic data supplied which is not in GERBER® format can be translated into a GERBER® file for a nominal charge.

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# Artwork: Photo-Plotting

## Laser Photoplotter

Our Laser Photoplotting System can accurately reproduce the high resolution and the sharp edge definition needed for today's precision electronic designs. Using this system, our staff of certified Gerber® trained photo technicians can generate sharp, accurate photo-plots for a wide variety of imaging applications.

### Performance Specifications:

**Output Media:** Silver-Halide Coated Film

**Accuracy:** ± 0.5 mil

**Maximum Film Size:** 24" x 30"

**Repeatability:** ± 0.5 mil

**Maximum Film Thickness:** 0.007"

**Resolution:** 1/4, 1/8, and 1/16 mil resolution

**Maximum Film Image Size:** 22" x 28"

- 24-Hour turnaround (file must be received by 3 PM EST)
- Competitive Pricing
- Formats: Gerber® Files, AutoCAD® .dwg and .dxf files

### Software Specifications

Sefar can accept AutoCAD ".dxf" or ".dwg" files for conversion to Gerber format. AutoCAD drawings should be constructed of zero width continuous polylines. Please be sure to mention the dimensional units and scale in the notes that accompany the file.

If Gerber files are supplied the "format" should be set to 3.5 for maximum performance. Extended Gerber files are preferred. If Extended Gerber files are not available, please be sure to include the aperture list with the notes that accompany the file.

Sefar can handle many other file types. If AutoCAD or Gerber files are not available, please direct your sales representative to inquire to our CAD department as to the specific file type you can supply. Sefar will make every accommodation possible to use the existing data.