



Matric

Electronics and *People* you can count on.



ELECTRONIC MANUFACTURING SERVICES

Matric provides world class Electronic Manufacturing Services (EMS) with personalized support. Matric specializes in high mix/low to mid volume contract assembly. Offering both turnkey assembly and board level assembly, Matric excels at working closely with customers to meet unique assembly or testing requirements.

Surface Mount Technology (SMT) Assembly:

- 3 Automatic SMT assembly systems
- SMT experience since 1989
- Lead-free process knowledge and equipment
- BGA and microBGA (Ball Grid Array)
- Fine pitch down to .015" and 0402 parts

Through-Hole Assembly:

- Semi-automatic pick and place equipment
- IPC certified hand soldering
- Precision component lead forming
- Dual wave flowsolder equipment with aqueous cleaning

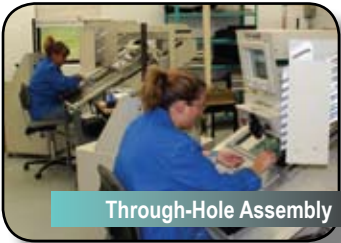
Value-Added Services:

- Prototyping through production quantities
- Conformal coating
- Repair and revision upgrading
- Burn-in and thermal cycling
- Injection over-mold equipment for cable assemblies
- Complete turnkey and box build assembly

The document control system at Matric captures printed circuit board data directly from a wide variety of Computer Aided Design (CAD) files. CAD data is used to generate documentation to create bills of material and to program equipment. From data capture to product delivery, Matric is the first choice for quality electronic manufacturing services.



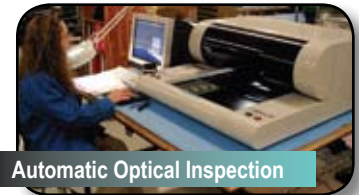
Automated SMT Lines



Through-Hole Assembly



Flying Prober Testing



Automatic Optical Inspection



Visual Inspection



BGA Inspection

Matric aggressively pursues its goal of zero defects, using a wide variety of testing methods to monitor process quality including:

- Visual inspection
- Flying prober equipment
- Automatic optical inspection equipment
- BGA inspection equipment
- Functional testing
- System simulation

For more information, please contact Matric at 800.462.8742 to speak with a sales representative or log on to our website at www.matric.com.