



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:

- 4 Automatic SMT assembly systems
- SMT experience since 1989
- IPC Certified lead-free processes and equipment (RoHS Capable)
- 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
- Selective Solder equipment

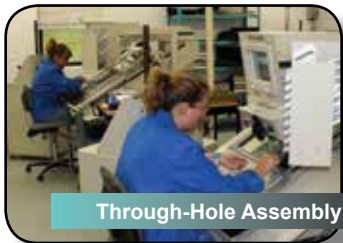
Value-Added Services:

- Prototyping through production quantities
- Laser identification marking on PCB's
- 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



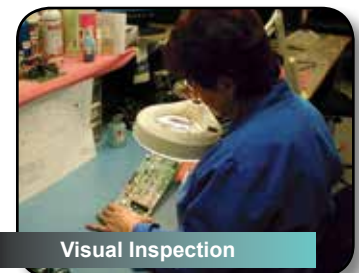
Flying Prober Testing



Automatic Optical Inspection



X-Ray Inspection



Visual Inspection

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

- X-Ray Inspection
- Automatic optical inspection equipment
- BGA inspection equipment
- System simulation
- Visual inspection
- Flying prober equipment
- Functional testing
- In-circuit test

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.

2099 Hill City Road
Seneca, PA 16346 U.S.A.
PH: 814.677.0716
Toll Free: 800.462.8742

www.matric.com
sales@matric.com



ISO 9001
AS 9100
BUREAU VERITAS
Certification

