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autosplice ®

Interconnecting the Future

MiniSert

TECHNICAL DATASHEET

CAPABILITY TESTED TO THE HIGHEST INDUSTRY STANDARDS

FLEXIBLE INSERTION SYSTEM

Minisert^{XE} is a cost-effective high-speed insertion system designed for smaller footprint applications. This single head stand-alone platform comes complete with a 12" X 12" insertion envelope and servo driven head actuation.

PRODUCT FEATURES

- Insertion rate up to 12,000 per hour on 0.2" (5.08 mm) pitch
- 12" X 12" insertion area
- Accuracy +/- .0001"
- Vision system for PCB error correction
- Single head platform
- Component end of reel sensors
- Touch screen monitor
- Windows 7 operating system
- Safety enclosure with light curtain
- Inserts solid press-fit and solderless (compliant) components

MINISERT^{XE} SPECIFICATIONS

VISION SYSTEM

Minisert^{XE} comes complete with our standard vision system that detects and corrects board error and skew.

Additionally, a scan-all function allows for complete sequencing through the entire program to verify and correct all programmed insertion locations.

COMPONENTS

MiniSert^{XE} machine is compatible with the entire family of tooled components in solid press-fit and compliant (solderless) technology.

Solderless components are available in many pin and blade sizes.

Continuous reeled pins are available in every size and length, as well as with unique features.

MODULAR INSERTION HEADS

We carry more than a dozen of various insertion heads designed for each component. We also offer the development of unique heads and tooling specifically for your project.

Our modular insertion head technology allows for quick application tooling changeover and maintenance.
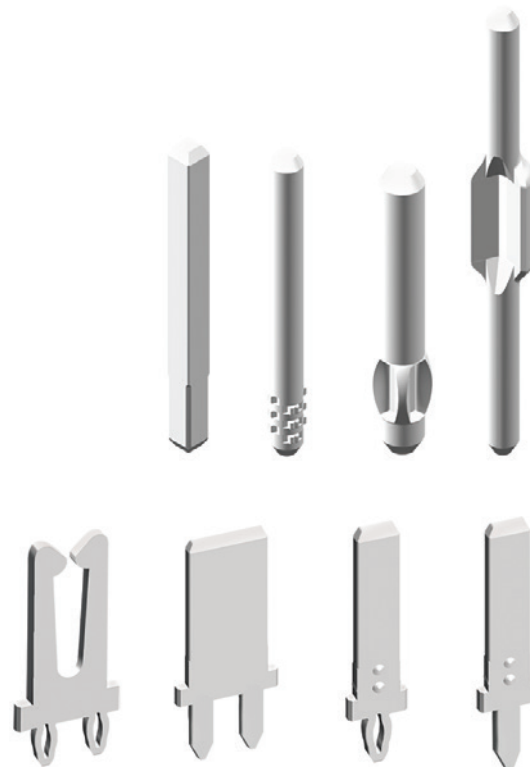
USER INTERFACE

MiniSert^{XE} machine features user-friendly Windows XP Professional operating system with touch screen display and USB port for optional keyboard.
It is very easy to program and use.

SERVO POWER

Minisert^{XE} is fully powered via DC servo motors, resulting in high-speed precision component placement and maximized output.

DESIGN

Engineered and manufactured to internationally recognized quality standards ISO/TS16949-2002.