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Press Release

For immediate release

Technic Releases New Tin-Silver Alloy Electroplating Process: Technistan Ag

Cranston, RI – Technic has announced the release of **Technistan Ag**, a new, patent pending, high speed tin-silver alloy electroplating process for use in electronic connector and component applications. Technistan Ag is designed to produce a 95% tin / 5% silver bright electrodeposit at current densities of up to 300 amps per square foot (300 ASF) / 30 amps per square decimeter (30 ASD). End users seeking more economical alternatives to traditional precious metal contact finishes like gold and palladium-nickel are in the beginning stages of conversion to low-cost finishes like silver. Tin/silver provides a compatible mating surface for these low-cost finishes. Until today there has been no viable high speed method for electronics manufacturers to implement electroplated tin-silver onto connectors or components.

Technistan Ag is also capable of producing other tin-silver alloy compositions, depending on application. Other than connectors, tin/silver deposits have also demonstrated improvements in a variety of end-use applications including whisker-resistant semiconductor components, lighting, and other energy applications.

Technic is a US based, private, financially strong corporation. For over 60 years, Technic has been a global supplier of proprietary chemistries, specialized custom finishing equipment, engineered powders, and analytical control systems to the electronic component, printed circuit board, semiconductor, photovoltaic, and industrial finishing industries.

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