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CORPORATE PHILOSOPHY

Due to environmental concerns, the need for lead-free materials in electronic components and systems is receiving increasing attention within the semiconductor and electronics industries. ProTek Devices is committed to working with our customers to offer products that meet those specific needs. ProTek Devices has offered "lead free" products since 2003. ProTek Devices offers 100% tin (Sn) plating as well as NiPdAu plated devices. These devices are designated with the suffix -LF and -P respectively.

These products are identified as "lead free" as defined in the European Union's RoHS directive 2002/95/EC and are compatible with the current RoHS requirements for all six banned substances, including the requirement to be soldered at high temperatures. ProTek Devices lead free products are suitable for use in specified lead-free processes. [+Click Here for Solder Reflow Diagram!](#)

In keeping with the green revolution that is occurring in the semiconductor industry, ProTek Devices offers lead-free options to customers. To insure customer satisfaction ProTek will make available the following options:

1. Standard Products with Tin/Lead plating.
2. Lead-free Products with Tin only plating.
3. Lead-free Products with Palladium/Gold plating.

When ordering the above, please use the following suffixes:

- **Standard Part - no suffix:** *SRV05-4-T7*
- **Lead-free Tin Only - LF:** *SRV05-4-LF-T7*
- **Lead-free Palladium/Gold - P:** *SRV05-4-P-T7*

LEAD FREE CONVERSION

The European Union passed the "Restriction on Use of Hazardous Substances in Electrical and Electronic Equipment" or RoHS legislation 2002/95/EC on January 27, 2003. This directive becomes effective on July 1, 2006. ProTek Devices is working towards converting all product to be RoHS compatible. Many of our current products meet the threshold limits ([see Certificate of Conformance](#)) of the RoHS requirements. This is based on ProTek Devices understanding of RoHS requirements and the information from our vendors, and third party analysis of material that is used in the manufacture of our products.

Banned Substance	RoHS Max Limit (ppm)
Lead	1000
Cadmium	100
Mercury	1000
Hexavalent Chromium	1000
Polybrominated Biphenyls (PBB)	1000
Polybrominated Diphenyl Ethers (PBDE)	1000

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