



## **TRACOPOWER DC/DC Converters and the RoHS Directive**

The EC Commission's Directive 2002/95/EY is banning or restricting the use of certain hazardous materials (incl. lead, mercury, cadmium, etc.). This Restriction of certain Hazardous Substances (RoHS) will be implemented within the EC community by 1<sup>st</sup> July 2006.

RoHS does not apply to all 10 product categories listed. Currently, Article 2 of RoHS says that category 8 (medical equipment) and category 9 (monitoring and control instruments) are exempted from the stipulations of the RoHS Directive. It is also important to know that Industrial Automation Equipment is not listed and therefore is not affected by this Directive.

TRACO has undertaken following initiative to make our DC/DC converters compliant to this Directive:

- A. All new dc/dc converter products under design and future products will be lead-free and can be used in a lead-free solder process.
- B. All current on-board products will be supplied with modified pins (gold or 100% tin finish) by end of 2004 latest and will be qualified for lead-free solder processes with peak temperatures of 245°C for reflow soldering and 260°C for wave soldering.  
Electrical product specifications and order codes of the products will not change.
- C. Current products will only be converted to a 100% lead-free version if the business situation would justify the cost of a necessary re-design.  
Anyway we will not convert older products in our catalogue.

Please feel free to contact us if you have questions concerning our RoHS policy.

Kind regards,

**TRACO ELECTRONIC AG**

Product Marketing