## **Technical Bulletin**

## Statement of Compliance Restrictions on Hazardous Substances

The European Community has issued a directive (RoHS) that restricts the use of environmentally hazardous materials. The directive requires that new equipment put on the market on or after July 1, 2006 be free of the following materials:

- Lead
- Mercury
- Cadmium
- Hexavalent Chromium
- PBB or PBDE (flame retardants)

It is the intention of Data Delay Devices to comply with this directive in a timely manner. Of the materials listed, the only item of concern is lead, due to the soldering processes associated with our hybrid products. (Our products have never, and will never, contain any of the other materials.) To this end, we have switched to lead-free solder in our assembly processes. Presently, all of our hybrid devices on the market are lead-free. While we do not use special part numbering to identify lead-free product, compliance can be easily verified by referring to the date code on each unit. All units with date codes of 0501 or later are guaranteed compliant.

There is also the issue of lead in the plating of the pins on our monolithic devices (all part numbers that begin with "3D"). While the quantities of lead in this case are much smaller than those associated with our hybrid devices, we nevertheless must follow the RoHS directive for these parts as well. In this case, we are working with our foundries to ensure that all new material is packaged lead-free. Because we do stock significant monolithic material in-house, each product will be phased into compliance at a different time. We will maintain a table that will indicate each monolithic product and its associated transitional date code. This table will be available online at www.datadelay.com.

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