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Product Announcement

Subject: Extension of Lead Free Materials for MS Products

The purpose of this letter is to inform our customers that Dielectric Laboratories, Inc. (DLI) is extending its Lead (Pb) free termination material for the MS product family. This material is applied and fired through the same processes when compared with the current termination containing Lead (Pb)* and is similarly plated with 100% Matte Tin (Sn) over a plated layer of Nickel (Ni). Because of the use of common processing equipment, the material may exhibit minor Lead (Pb) readings when tested, but these values are still well within the RoHS compliance limits. A SGS test report is attached for the Lead (Pb) free termination for your reference.

The Lead (Pb) free termination has been extensively tested during qualification trials and is subjected to the same rigorous inspection and test requirements during the standard manufacturing and final inspection processes. The technical parameters of the materials are equivalent to the existing materials and, as a result of this there will be no change to product part numbers. Reliability data is available on request.

For further information, please contact the DLI Sales department or your local representative.

Sincerely,

Mark Challingsworth
MLC Business Director

**The RoHS Directive permits the use of lead (Pb) in dielectric and termination materials where the lead (Pb) has been changed into a glass form by high firing temperatures during the component manufacturing process (refer to the annex in RoHS Directive 2002/95/EC). When changed to a glass form the lead (Pb) does not present any environmental concerns.*