MILL-MAX MFG. CORP

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RoHS Frequently asked Questions

1. Are Mill-Max part numbers changing for RoHS compliant parts?
   Yes. Mill-Max will use different part numbers for RoHS compliant parts and non-RoHS compliant parts. Typically, the plating codes will be the only change. For standard products, the website lists the non-compliant and the RoHS compliant part number if one exists. For part numbers not on the web site, you can contact technical services.

2. When will Mill-Max transition to lead free?
   Mill-Max will not be transitioning to only lead-free plating. We will continue to offer tin/lead plating as well as pure tin, gold and other RoHS compliant finishes. Note: Mill-Max pins are made of copper alloys containing less than 4 % lead which is the allowable limit per the RoHS directive (See annex 6 of Directive 2002/95/EC).

3. What type of pure tin plating does Mill-Max offer?
   Mill-Max uses a pure tin plating per ASTM B 545 Class A (.0001") or Class B (.0002"), matte finish with whisker and oxide inhibitors.

4. Does Mill-Max use a barrier plate under the pure tin finish?
   Yes. Mill-Max uses a nickel barrier plate per ASTM B 689, Type 2 (Bright), Class 1 (.00005") or Class 2 (.0001")

5. Can I still obtain Tin/Lead plated parts?
   Mill-Max will continue to offer tin/lead plated pins and receptacles as standard products.

6. What materials are used in Mill-Max products?
   For a list of the materials that Mill-Max uses in manufacturing products, please click here. This information can also be accessed from the product detail pages on the website by rolling your mouse over a specified material.

7. Does Mill-Max manufacture connectors that can withstand lead-free processing temperatures?
   Yes. All RoHS compliant connector part numbers specify a high temperature insulator. These insulator materials are either PCT, Nylon or Fr-4 epoxy (G-10). Click here to view our standard material properties.

8. Does Mill-Max make any products that are subject to MSL ratings?
   MSL, moisture sensitivity level, is a measure of how sensitive a surface mount (SMT) component is to moisture induced stress. The rating is given per IPC/JEDEC J-STD-20 MSL rating is not applicable to Mill-Max parts as we do not manufacture active SMT components.

9. Will the packaging for RoHS compliant parts be labeled?
   Yes, there will be a label with a diamond that reads RoHS 2002/95/EC.