




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 platings. 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?** No. 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-020. 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. 
- 10. What does RoHS 5 or RoHS 5/6 compliant mean?** This is a term used mainly by the network infrastructure equipment (NIE) manufacturers which have an exemption for lead in their products until 2010 per the RoHS directive (annex 7). The RoHS directive specifies 6 substances; lead, mercury, cadmium, hexavalent chromium, PBB's & PBDE's that are either banned or restricted. So the term RoHS 5 or RoHS 5/6 means that a part only contains lead and does not contain the other 5 substances.