



RoHS Compliant and Pure-Tin Prohibition Products

Background

Directive 2011/65/EU (known as RoHS 2) of the European Parliament and of the Council restricts the use of certain substances, e.g. Pb (lead), in electrical and electronic equipment. However, many industries prohibit pure Sn (tin) terminations, requiring a minimum Pb content of at least 3% by weight, which is not allowed by RoHS. The purpose of this note is to list:

- Statek's products that are RoHS compliant, but do not comply with the pure-tin prohibition requirement.
- Statek's products are both RoHS compliant and compliant with the pure-tin prohibition requirement.
- Statek's products that are RoHS non-compliant, but they do comply with the pure-tin prohibition requirement.

Declaration of RoHS Compliance

Statek Corporation declares that the RoHS compliant products listed below contain no more than the maximum concentration value by weight in homogeneous materials as specified by Directive (EU) 2015/863 (known as RoHS 3):

- Lead (0.1%)
- Mercury (0.1%)
- Cadmium (0.01%)
- Hexavalent Chromium (0.1%)
- Polybrominated Biphenyls (PBB) (0.1%)
- Polybrominated Diphenyl Ethers (PBDE) (0.1%)
- Bis(2-Ethylhexyl) phthalate (DEHP) (0.1%)
- Butyl benzyl phthalate (BBP) (0.1%)
- Dibutyl phthalate (DBP) (0.1%)
- Diisobutyl phthalate (DIBP) (0.1%)

RoHS compliant products whose terminations contain Sn but no Pb

The following products are RoHS compliant, but do not comply with the pure-tin prohibition requirement.

- Surface mount crystals with SM4 or SM5 termination
- Surface mount oscillators with SM4 or SM5 termination
- Thru-hole crystals with 05, 06, or 07 leads
- Thru-hole oscillators with SM4 or SM5 termination

RoHS compliant products whose terminations contain neither Sn nor Pb

The following products are both RoHS compliant and compliant with the pure-tin prohibition requirement.

- Surface mount crystals with SM1 termination
- Surface mount oscillators with SM1 termination
- Thru-hole oscillators with SM1 termination

RoHS non-compliant products whose terminations contain Sn and at least 3% Pb

The following products are RoHS non-compliant, but they do comply with the pure-tin prohibition requirement.

- Surface mount crystals with SM2 or SM3 termination
- Surface mount oscillators with SM2 or SM3 termination
- Thru-hole crystals with 02, 03, or 04 leads
- Thru-hole oscillators with SM2 or SM3 termination

For Further Information

For further information or if you have any other questions, please contact Sales at (714) 639-7810 or sales@statek.com.

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