

September 25, 2019

Signature A. Fukuoka
Atsunobu Fukuoka

Manager

ISO/IATF Quality System Management,

Connector Products Quality Assurance Department

Electronic Components Quality Assurance Division

Corporate Electronic Components Group, Kyocera Corporation

Certificate of non-use of environment related substances

We, Kyocera Corporation, certify that any substances of which use is prohibited by RoHS are not contained (or below the threshold) in the materials used for the parts to be sold to your company.

COMMISSION DELEGATED DIRECTIVE (EU) 2015/863 of 31 March 2015 amending Annex II to Directive 2011/65/EU of the European Parliament and of the Council as regards the list of restricted substances

*A part of components in this product, copper alloy is used as a base material of contacts and anchor plates. According to RoHS Directive, copper alloys containing up to 4%lead by weight are exempted from the requirements

<Restricted Substances and allowable limit>

Cadmium and cadmium compounds:	Less than 100 ppm
Lead and lead compounds:	Less than 1000 ppm
Mercury and mercury compounds:	Less than 1000 ppm
Hexavalent chromium compounds:	Less than 1000 ppm
Polybrominated biphenyle (PBB):	Less than 1000 ppm
Polybrominated diphenylethers (PBDE):	Less than 1000 ppm
Bis (2-ethylhexyl) phthalate (DEHP):	Less than 1000 ppm
Butyl benzyl phthalate (BBP):	Less than 1000 ppm
Dibutyl phthalate (DBP):	Less than 1000 ppm
Diisobutyl phthalate (DIBP):	Less than 1000 ppm

<Applicable part number>

Please refer to the list on the following page(s).

Remark: Some products may not be available depending on the pin counts and variations. We certify that we produce RoHS compliant product/products when those products come into production.

5046 Series

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