



31 July 2018

RoHS

The EC RoHS Recast Directive 2011/65/EU which entered into force on 21/7/2011, with its obligations taking effect from 2/1/2013, restricts the use of the hazardous substances in electrical and electronic equipment.

Based on information provided by our suppliers, CTS Ceramics Denmark A/S designates the products listed below as RoHS compliant for orders placed on or after the date of this certificate, and that the product is suitable for use in "finished equipment" as defined in the legislation.

RoHS compliant means that:

- Our suppliers have confirmed the compliance status of the relevant products to us (including those compliant by the use of an exemption)
- We apply rigorous and ongoing processes to confirm and document this information

Confirmation of compliance status by our suppliers is either because the products do not contain any of the restricted substances referred to in Annex II of the RoHS Recast, at concentrations in excess of those permitted under the Directive or because removal of the restricted substances is not technically possible and their existence in the products at levels in excess of these concentrations is allowed as one of the particular exemptions listed in Annex III of the RoHS Recast Directive 2011/65/EU.

CTS Ceramics Denmark A/S takes all reasonable steps to confirm suppliers' statements regarding the absence of the restricted substances.

All CTS Ceramics Denmark A/S products in the following product categories are RoHS compliant:

- Materials
- Bulk
- Plate actuators
- Plate stacks
- High temperature stacks
- Ring actuators
- Ring stacks
- Plate benders
- Ring benders
- Shear plate
- 2D actuators
- Amplified actuators

Products in the following product categories fall into the category: "Industrial monitoring and control instruments" as defined in Article 3. Thus, these products are only subject to the RoHS directive from July 22, 2017:



- Shear stacks
- Drivers
- Sensors
- Transducers