Challenge Electronics
95 E. Jefryn Blvd
Deer Park, NY 11729
Tel: 1-800-722-8197

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REACH Compliance Declaration

To whom it may concern,

Challenge Electronics acknowledges being producers, importers and marketers of electronic devices and certifies to the best of our knowledge all Challenge Electronics product lines do not contain elements of the 1907/2006 declaration concerning the Registration, Evaluation, Authorization and Restriction of Chemicals (REACH) and Substances of Very High Concern (SVHC) and all accompanying Annexes including Annex XVII.

This statement is not applicable to piezoelectric indicators and transducers which contain Lead Zirconate Titanate (PZT) Ceramics which include more than 0.1% (w/w) of REACH Candidate List SVHC Lead-Zirconium-Titanium-Oxide (CAS 12626-81-2). This is a key ingredient of the Piezoelectric-Ceramic-Disc or Piezoelectric Element in alarm operation and as such not compliant. These units can be identified through the Part Number (PN) available either within the specification or within the file name of the specification. Any Challenge Electronics unit which the PN begins with the letters **C***P**, **C***Z**, or **C***U** include a Piezoelectric Element and as such would not be compliant. Examples of these PNs could be CI13**P**-06T300-C-1/CT22**P**-25S400-1, where the bolded P indicates a Piezoelectric Indicator/Transducer respectively; CT55**Z**-100W56-1, where the bolded Z indicates a Piezoelectric Disk; CT14**U**-150T580-D1X, where the bolded U indicates an Ultrasonic Piezoelectric Disk. All other parts which do not contain Piezoelectric Disks would be compliant. If a PN does not comply with this scheme it is likely a PN prior to the Challenge Electronics migration to this PN scheme. An up-to-date PN can be requested which does comply to this PN scheme with which compliancy can be referenced.

Additionally, certain products of the below PNs requiring high temperature conditions have been initially designed prior to establishment of the accompanying SVHC restriction and as such are incorporated in designs. The chemical used is Lead with the solder, CAS number 7439-21-1.

Part Type	Part Number
SMD Electromagnetic Transducer	CEET128N071-16-205-24PLR
SMD Electromagnetic Transducer	CEET105A025-16-2545-27MLR
SMD Electromagnetic Transducer	CT8ES-06273-1
SMD Piezoelectric Transducer	CEPT122S048-125-20MR
SMD Piezoelectric Transducer	CEPT090L019-125-40MR
SMD Piezoelectric Transducer	CPT24GS12-3.0-P3R
SMD Piezoelectric Transducer	CSPT22A12-4.0
SMD Piezoelectric Indicator	CEPB143N072-316C40MR

To obtain a cross please contact your local Challenge Electronics sales representative. All other parts are fully compliant as per the above and all future part recommendations are made to parts which are fully compliant.

The statements in this letter regarding REACH and the accompanying Substances of Very High Concern (SVHC) List and Annexes do not extend to, or apply to any product subjected to unintended contamination, misuse, neglect, accident, improper installation, or used in violation of Challenge Electronics recommendations. To see a full list of current SVHCs please reference the chemicals in the following list: https://echa.europa.eu/candidate-list-table. The statement is made to the best of our knowledge based on supplier certifications, confirmations and independent testing. All enquiries related to REACH and SVHCs should be sent to our Compliance Coordinator and Engineering Director, Joshua Klyman, by e-mail at jklyman@challelec.com.

Joshua Klyman
Engineering Director
1/05/26

The information contained in this letter is being provided for informational purposes only and to clarify certain information concerning Challenge Electronics products. Nothing provided in this letter is:

(i) A representation, warranty or agreement to indemnification by Challenge Electronics
(ii) A statement which may form the basis of reliance by Challenge Electronics
(iii) A modification of any of the terms and conditions of sale agreed to in writing between Challenge Electronics and its customers with respect to any Challenge Electronics products, whether previously sold or to be sold in the future.