

Micro Crystal confirms that below listed standard products Quartz Crystal Units in ceramic packages are compliant with the RoHS 3 Directive 2015/863/EU and REACH Regulation 1907/2006/EU of the European Parliament and of the Council on the Restriction of the use of Hazardous Substances in electrical and electronics equipment.

Latest version of CoC Environment: www.microcrystal.com/en/company/related-documents

CC-Medical Quartz Crystal Units (CC2 / CC4 / CC5 / CC6 / CC7 / CC8 / CC9)

Directive	Description
<p>RoHS Directive 2011/65/EU / (RoHS 2) Edition: July 1st 2011 and Directive 2015/863/EU / (RoHS 3) Edition: 31.3.2015</p>	<p>CCxx-T1A and CCxx-T5A - 100% Lead free - RoHS compliant</p> <p>CCxx-T2A T2A versions contain Lead (Pb) exempted under RoHS for use in Implantable Medical Devices</p>
<p>China RoHS 2 / GB / T 26572-2011 Edition: January 21th 2016</p>	<p>Restrictions of Hazardous Substances - China RoHS 2 compliant</p>
<p>VOC's GB 30981 / 38507 / 33372 / 38508 Edition: March 2020</p>	<p>Materials used in products and processes are in compliance with the China VOC regulations.</p>
<p>WEEE Directive 2012/19/EU Edition: July 4th 2012</p>	<p>Waste from Electrical and Electronic Equipment - compliant with WEEE directive</p>
<p>REACH Regulation 1907/2006/EU (REACH = Registration, Evaluation and Authorisation of Chemicals) According to article 59 (10) and articles 56 and 67 / annexes XIV and XVII of Regulation - IEC 62474 Int. Electrotechnical Commission</p>	<p>SVHC: Substances of Very High Concern Number of substances on the Candidate List: 242 - last updated: 7th of November 2024 - products do not contain substances from the latest SVHC candidate list above 0.1%. - IEC: Declarable Substances List: actual Version</p>
<p>Directive 2019/1021/EC Edition June 20th 2019 Directive 2006/122/EC Edition December 12th 2006 PFAS e.g. Reg. State of Maine L.D. 1503</p>	<p>Persistent Organic Pollutants (POP's) - products are free of POP's (incl. PFOS, PFOA) and Perfluoroalkyl and Polyfluoroalkyl substances (PFAS)</p>
<p>California Proposition 65 The Safe Drinking Water and Toxic Enforcement Act of 1986</p>	<p>Products contain listed substances Nickel (CAS 7440-02-0) and Cobalt (CAS 7440-48-4) and are compliant with Prop 65. ¹⁾</p>
<p>US-EPA (Environmental Protection Agency) TSCA (Toxic Substances Control Act) e-CFR system 40 Part 751</p>	<p>The products contains one or more components for which a Low Volume Exemption (LVE) with 40 CFR 723.50 applies.</p>
<p>Halogen free</p>	<p>Halogen free - products are free of Halogen</p>
<p>Conflict-Free Sourcing Initiative (CFSI), founded by EICC and GeSI. Conflict Minerals Reporting Template (CMRT) Extended Mineral Reporting Template (EMRT)</p>	<p>It is Micro Crystal's strict policy not to purchase any Conflict Minerals that are mined under conditions of armed conflict and human rights abuses.</p>
<p>Various Radioactive Materials Ozone Depleting Substances, Asbestos, BPA, PVC, DMF, HBCDD, Latex nor Phthalates.</p>	<p>Products are compliant with: EU Directive 96/29 EU Directive 1005/2009 / EU Directive 2009/148</p>

¹⁾ Detailed "Material composition" see pdf document "Product Doc." or "App. Manual" (Homepage)

Document Revision History

Date	Rev #	Revision Details	Date	Rev #	Revision Details
Nov. 2024	3.4	Update REACH			
July 2024	3.3	First release Medical versions			

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Document Status

Date	CoC Environmental	Name	Title	Signature
Nov. 12 th 2024	Document Approved	Fritz Burkhalter	Quality Manager	