

## REACH COMPLIANCE STATEMENT

DATE: 30/08/2024

Knowles Precision Devices is a leading supplier of electronic components, supporting the European REACH Directive and customer requirements of our industry.

### REACH directive

Regulation (EC) No 1907/2006 of the European Parliament and of the Council of 18 December 2006 concerning the Registration, Evaluation, Authorization and Restriction of Chemicals (REACH), which established a European Chemicals Agency and amended Directive 1999/45/EC, including legal text published in the Official Journal of the European Union.

### REACH restricted substances

All product lines listed in Table 1 comply with the restrictions on substances, mixtures and/or articles that are set out in Annex XVII of REACH, which includes all entries for Lead (Pb) and its compounds.

### REACH declarable substances

In compliance and fulfilling the communication requirements of Article 33 of the REACH directive and Article 9 (1)(i) of the SCIP Directive (EU) 2018/851. Knowles declares the parts listed in Table 1 contain the REACH Candidate list Substance of Very High Concern (SVHC) Lead (Pb, CAS number 7439-92-1) and Lead Oxide (PbO CAS number 1317-36-8) in concentrations above the threshold limit of 0.1% w/w.

Number of Substances on the Candidate List: 241 (Latest update: 27-06-2024)

The candidate list can be found at the following webpage: <https://echa.europa.eu/-/echa-adds-one-hazardous-chemical-to-the-candidate-list>

**Table 1: Product Lines**

	Product line	Description	TARIC	SVHC
(Knowles Johanson Brand)	Cera Trimmer Capacitors	Devices with ceramic dielectric structure & gold finish terminals	8532.30.0000	REACH 241 compliant (27-06-2024)
	Thin Trimmer Capacitors			
	Seal Trimmer Capacitors			
	Ceramic Trimmer Capacitors			
	Tuning Tools 41 and 21 Series	Devices with Delrin & Alumina		
	Tuning Tools 8766	Devices with Zytel and Steel		
	Tuning Tools (Molded) 8777	Devices with Polycarbonate & Spring Steel		
	Variable Inductor	Devices variable inductor core		
	Giga Trimmer / Eco Trim	Devices with Copper Alloy	8532.30.0000	<u>Copper Alloy</u> Lead (Pb) 0.1 to 4.0% w/w (ii)
	Tuning Element			
	Air Capacitor Trimmer	Devices with Copper Alloy & High Melting temperature type Solders	8532.30.0000	<u>Copper Alloy</u> Lead (Pb) 0.1 to 4.0% w/w (ii) <u>Lead solder</u> Lead (Pb) 0.1 to 20% w/w (i)
	Dyna Trimmer			
	Cera Trimmer Capacitors	Devices with Lead in ceramic dielectric structure & gold finish terminals	8532.30.0000	<u>Dielectric Ceramic</u>  Lead (Pb) 0.1 to 4.0% w/w (ii)
	Thin Trimmer Capacitors			
	Seal Trimmer Capacitors			
	Cera Trimmer Capacitors	Devices with ceramic dielectric structure & solder finish terminals	8532.30.0000	REACH 241 compliant (27-06-2024)
Thin Trimmer Capacitors				
Seal Trimmer Capacitors				

## REACH COMPLIANCE STATEMENT

	Product line	Description	TARIC	SVHC
Knowles Voltronics Brand)	Voltronics NMNT-Line & NT-Line	Devices with Copper Alloy	8532.30.0000	<u>Copper Alloy</u> Lead (Pb) 0.1 to 4.0% w/w (ii)
	Voltronics NMT-Line, T-Line & S-Line	Devices with Glass dielectric structure	8532.30.0000	<u>Copper Alloy</u> Lead (Pb) 0.1 to 4.0% w/w (ii)
	Voltronics Q-Line			<u>Glass dielectric</u> Lead (Pb) Oxide 0.1 to 1.0% w/w (ii)
	Voltronics A-Line	Devices with Copper Alloy & High Melting temperature type Solders	8532.30.0000	<u>Copper Alloy</u> Lead (Pb) 0.1 to 4.0% w/w (ii)
	Voltronics A1-Line	Devices with Copper Alloy & High Melting temperature type Solders		<u>Lead solder</u> Lead (Pb) 0.1 to 20% w/w (i)
	Voltronics K-Line			
	Voltronics A4-Line			
	Tuning Tool TT-series	Tuning with spring steel	8532.30.0000	REACH 241 compliant (27-06-2024)

(i) The Lead substance could represent a risk of exposure through touch.

(ii) The Copper Alloy, Glass Dielectric & Ceramic Dielectric are not exposed and present no hazard to humans or the environment under normal handling and use.



Natalia Matos  
 Quality Manager  
 Knowles Precision Devices  
[Natalia.Matos@knowles.com](mailto:Natalia.Matos@knowles.com)