

External Provider Environmental Compliance Requirements

- 1) EU ROHS: Directive 2011/65/US (RoHS 2) restricted 6 hazardous substances. EU Directive 2015/863 (RoHS 3) adds Category 11 (catch-all) products and adds four new restricted substances - all phthalates. The four phthalates are mainly used as insulation plasticizers and are on the REACH list of SVHC (Substances of Very High Concern). The expanded list for RoHS 3 is thus as follows:

Cadmium (0.01 %)
 Lead (0.1 %)
 Mercury (0.1 %)
 Hexavalent chromium (0.1 %)
 Polybrominated biphenyls (PBB) (0.1 %)
 Polybrominated diphenyl ethers (PBDE) (0.1 %)
Bis(2-ethylhexyl) phthalate (DEHP) (0.1 %)
Butyl benzyl phthalate (BBP) (0.1 %)
Dibutyl phthalate (DBP) (0.1 %)
Diisobutyl phthalate (DIBP) (0.1 %)

- 2) EU REACH: REACH Regulation aims to improve the protection of human health and the environment from the risks that can be posed by chemicals. Information on the REACH regulation can be found on the ECHA (European Chemical Agency) website (<https://echa.europa.eu/home>). The of substances are listed under "Candidate List", these are substances of vey high concern for Authorization, known as SVHC's. The list can be found at <https://echa.europa.eu/candidate-list-table>. Per this legislation and as a flow down requirement, you as a provider are required to provide upon request either a declaration stating that none of these chemicals are in the purchased product, or a complete list of substance/weights contained within the product. See example below:

Ingredient composition table

Series [MK107B102_A]

Component part	Type name	Compound		Substance	CAS No.	Compound			Purposes of use	Remark
		Mass(mg)	Ratio(%)			Mass(mg)	Comp.(%)	Ratio(%)		
Ceramic	A-9	5.33	82	Barium titanate(IV)	12047-27-7	5.33	100	82	Principle component	
Internal electrodes	MLD-12	0.755	11.615	Nickel	7440-02-0	0.755	100	11.615	Principle component	
External electrodes	MLD-15	0.311	4.785	Nickel	7440-02-0	0.311	100	4.785	Principle component	
Electrode under plating	M-CU	0.04	0.615	Copper	7440-50-8	0.04	100	0.615	Principle component	
Electrode middle plating	M-NI	0.024	0.369	Nickel	7440-02-0	0.024	100	0.369	Principle component	
Electrode finish plating	M-SN	0.04	0.615	Tin	7440-31-5	0.04	100	0.615	Principle component	
Total	(Design value)	6.5	100			6.5		100		

- 3) Conflict Minerals: Dodd-Frank Act (Section 1502) "Conflict Minerals from the Democratic Republic of Congo". The supplier shall ensure that all material/components delivered to EIT do not contain 3TG minerals; Tantalum (derived from Columbite-Tantalite), Tungsten (derived from Wolframite), Tin (derived from Cassiterite), Gold and/or finished material originating or sourced

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from the Democratic Republic of Congo. The supplier shall immediately notify EIT with the pertinent facts if a supplier becomes aware or suspects that it has supplied conflict minerals to EIT.

- 4) **Material Declarations and Supplier Certification:** Material declarations and supplier certifications are the foundational elements of our effort to ensure the compliance of EIT's products. Parts that are compliant through the use of materials that are EU RoHS-exempt must be identified, together with the specific material exemption from the RoHS regulation and the offending substance (e.g., EU RoHS exemption #6 (c): lead (pb) in copper alloys, which covers certain compliant brass materials). Non-Compliant parts must be reported to EIT with the non-conformance to include the name and weight of the substance along with the weight of the part.
- 5) **Supplier Declarations:**
 - a. Upon request by EIT, or a partner company operating on behalf of EIT, the supplier shall declare, in a timely fashion, the compliance of parts and materials supplied to EIT.
 - b. A certificate of conformance is required that states that the fabricated items(s) meet the requirements of the directives noted above. If there are any declarable substances that are present in any declarable substances that are present in any items you supply, the substances(s) must be declared by name and weight and provided to EIT as part of the shipping documentation.