

PENCOM RoHS COMPLIANCE POLICY

Pencom shall provide RoHS compliant parts as required to our customers.

RoHS was issued by the EU (European Union) as “Directive 2011/65/EU of the European Parliament and of the Council of 8 June 2011 on the restriction of the use of certain hazardous substances in electrical and electronic equipment.”

To be fully compliant to Directive 2011/65/EU, including Delegated Directive (EU) 2015/863, parts or “articles” must contain less than a controlled amount of the following substances:

EU RoHS Restricted Substance	Allowable Limit (at homogenous material level)
Cadmium and its compounds	100 ppm (0.01 weight %)
Mercury and its compounds	1000 ppm (0.1 weight %)
Hexavalent chromium and its compounds	1000 ppm (0.1 weight %)
Lead and its compounds	1000 ppm (0.1 weight %)
Polybrominated biphenyls (PBB)	1000 ppm (0.1 weight %)
Polybrominated diphenyl ethers (PBDE)	1000 ppm (0.1 weight %)
Bis (2-ethylhexyl) phthalate (DEHP)	1000 ppm (0.1 weight %)
Butyl benzyl phthalate (BBP)	1000 ppm (0.1 weight %)
Dibutyl phthalate (DBP)	1000 ppm (0.1 weight %)
Diisobutyl phthalate (DIBP)	1000 ppm (0.1 weight %)

Full compliance with this table is unofficially termed ‘RoHS 10/10.’ Materials used in the construction of Pencom components and/or assemblies are ‘RoHS 10/10’ unless otherwise specified in part compliance documents. These restricted substances cannot be used in a finished “article” above threshold limits unless the material is subject to a RoHS Exemption.

Exemption 6 allows the controlled use of Lead in steel, aluminum, and copper alloys for better manufacturing purposes. Pencom uses Exemption 6 in the manufacture of some components.

For a current RoHS document please contact your Pencom account manager.

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