



## RoHS - Declaration of Compliance

### RoHS:

The European Union has adopted RoHS2 (Amended Annex II – Directive (EU) 2015/863) – the Restriction of Hazardous Substances (RoHS). This legislation bans the use of lead, mercury, cadmium, hexavalent chromium, polybrominated biphenyls (PBB), polybrominated diphenyl ethers (PBDE), and four phthalates (DEHP, BBP, DBP, DiBP).

### Policy:

Paceleader Industrial Co., Ltd. is doing its part to help improve the environment by reducing or removing substances that are considered harmful to the environment, see table 1.

Table 1 (allowable limits for banned substances)

<b>Table 1:</b> <b>Substance</b>	<b>Maximum Limit (ppm)</b>
Cadmium (Cd)	100
Lead (Pb)	1000 (1) (2)
Mercury (Hg)	1000
Hexavalent Chromium (Cr <sup>6+</sup> )	1000
Poly Brominated Biphenyls (PBB)	1000
Poly Brominated Diphenyl Ethers (PBDE)	1000
Bis(2-Ethylhexyl) phthalate (DEHP)	1000
Benzyl butyl phthalate (BBP)	1000
Dibutyl phthalate (DBP)	1000
Diisobutyl phthalate (DIBP)	1000

(1) Applicable to products with PbFree termination finish only.

(2) Maximum limit does not apply to applications for which exemptions have been granted by the RoHS directive.

(3)

Our current products do not contain any of the following banned substances: Mercury, Cadmium, hexavalent chromium, polybrominated biphenyls (PBB), polybrominated diphenyl ethers (PBDE), Bis(2-Ethylhexyl) phthalate (DEHP), Benzyl butyl phthalate (BBP), Dibutyl phthalate (DBP), or Diisobutyl phthalate (DIBP). Nearly all of our products are currently available with lead free exterior finishes, in the form of 99.9% matte tin plating. Presently, some of products are available in both PbFree (99.9% Tin), and Tin/Lead finishes.



**Notice :**

1. PbFree devices are RoHS compliant.
2. PbFree devices are compatible with both tin/lead and lead free solder processes.
3. PbFree devices can withstand a MAX temperature of 260°C for 25 seconds maximum.
4. PbFree surface mount devices have a Moisture Sensitivity Level (MSL) of 1.
5. Parts may be available with PbFree or Tin/Lead plating:

**REACH**

The European Union's REACH (**R**egistration, **E**valuation, **A**uthorization, and restriction of **C**hemicals) regulation applies to chemical substances manufactured in or imported to the EU in quantities of 1 tonne or more per year. It applies to chemical substances on their own, in preparations, or in articles (manufactured goods). The goal of REACH is to improve the protection of human health and the environment through better and earlier identification of chemical substances.