



RoHS 2 Directive 2011/65/EU Material Confirmation Certificate

To: DC Customer(s)

DC Components certifies that our components are in compliance with the RoHS 2 DIRECTIVE 2011/65/EU, RoHS-Recast, and the people's Republic of China RoHS Directive EIS SJ/T11364-2006.

RoHS-Recast Definition:

Article 3 – Definitions: The object of the declaration described below, is in conformity with 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. Restriction of the use of certain hazardous substances in electrical and electronic equipment (EEE). EEE means equipment which is dependent on electric currents or electromagnetic fields and designed for use with a voltage rating not exceeding 1,000 volts for alternating current and 1,500 volts for direct current. DC Components's Diode Rectifiers are neither electrical nor electronic equipment and do not require the "CE" or "CCC" marking.

Annex II, Article 4(1): DC Components's products do not contain any of the listed substances except for Lead (Pb) which utilizes RoHS Exemption 7(a) & 7(c) -1.

- **Concentration limit of 0.1% by mass (1000 PPM)** of homogeneous material for Lead (Pb), Mercury (Hg), Hexavalent Chromium (Cr), Polybrominated Biphenyls (PBB's), Polybrominated Diphenyl ethers (PBDE's), Hexabromocyclododecane (HBCDD), Bis (2-ethylhexyl) phthalate (DEHP), Butyl benzyl phthalate (BBP), Dibutylphthalate (DBP).
- **Concentration limit of 0.01% by mass (100 PPM)** of homogeneous material for Cadmium (Cd).

RoHS Exemptions

Annex III, Article 4(1): Applications exempted from the restriction in Article 4(1)

- Products in plastic package are currently assembled with a soldering wafer containing Lead (Pb).
Exemption 7(a): Lead in high melting temperature (i.e. lead-based alloys containing 85% by weight or more lead)
- Products in glass-sealed package are currently containing Lead (Pb) in the glass tube.
Exemption 7(c) -1: Electrical and electronic components containing lead in a glass or ceramic other than dielectric ceramic in capacitors, e.g. piezoelectronic devices, or in a glass or ceramic matrix compound.

Authorized signatory

Rachel Wong

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