



# Environmental Compliance Certificate

## RoHS Compliance Declarations to Vacuum Research Corp. Customers

Notwithstanding any information provided by Vacuum Research Corporation on its website or in this or other communications concerning the substance content of its products, this document represents our knowledge and belief as of the date provided.

Vacuum Research Corp. has taken reasonable steps to provide representative and accurate information, but may not have conducted destructive testing or chemical analysis on incoming materials. This Environmental Compliance Certificate does not constitute a warranty or otherwise amend or supplement Vacuum Research Corp's. Standard Terms and Conditions of Sale, which govern all warranty and product sales terms.

### RoHS Compliance Declaration

Vacuum Research Corp. certifies to the best of our knowledge, (i) all products manufactured by Vacuum Research Corp. conform to the requirements of the European Union's Restriction on Use of Hazardous Substances in Electrical and Electronic Equipment (RoHS) Directive 2015/863/EU issued June 4, 2015, and of the China RoHS with no exceptions; (ii) no lead (Pb) has been intentionally added to the products or any metallic coatings; and (iii) these products are designed to meet the higher temperature reflow required for lead-free processes.

### Current Restrictions, Substances and Limits

Cadmium (Cd): 0.01%	
Mercury (Hg): 0.1%	
Lead (Pb): 0.1%	
Hexavalent chromium (CR <sup>6+</sup> ): 0.1%	
Polybrominated biphenyls (PBB): 0.1%	
Polybrominated diphenyl ethers (PBDE): 0.1%	
Bis(2-Ethylhexyl) phthalate (DEHP): 0.1%	(added in 2015)
Benzyl butyl phthalate (BBP): 0.1%	(added in 2015)
Dibutyl phthalate (DBP): 0.1%	(added in 2015)
Diisobutyl phthalate (DIBP): 0.1%	(added in 2015)

Certified by:

John F. Hartnett,  
President  
7/6/2019