

International Rectifier components and their homogeneous sub-components manufactured under the Lead Free Program ⁽¹⁾ are in compliance with European Union Directive 2011/65/EU (RoHS Directive) of the European Parliament and of the Council of 8 June 2011 and all subsequent amendments. IR parts that have been identified as RoHS compliant do not exceed the maximum limit for the following 6 designated substances.

Substance	Maximum Limit (ppm)
Cadmium (Cd)	100
Lead (Pb)	1000 ⁽²⁾
Mercury (Hg)	1000
Hexavalent Chromium (Cr ⁶⁺)	1000
Poly Brominated Biphenyls (PBB)	1000
Poly Brominated Diphenyl Ethers (PBDE)	1000

- (1) Part numbers typically (but not always) contain a "PBF" suffix
- (2) Maximum limit (ppm) does not apply to applications for which exemptions have been granted by the RoHS Directive

Our statements in this letter regarding RoHS compliance and lead content do not extend to, or apply to any product subjected to unintended contamination, misuse, neglect, accident, improper installation, or to use in violation of instructions furnished by IR. We additionally note that IR products in certain specific large outline packages could contain high temperature solder die attach material having greater than 85% lead content, which is considered exempt from ELV Directive, Article 4(2)(a) by Annex II and RoHS Directive, Article 4(1) by Annex III, exemption 7(a).

Authorized signatures for International Rectifier:

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The information contained in this letter is being provided for informational purposes only and to clarify certain information concerning IR products. Nothing provided in this letter is (i) a representation, warranty or agreement to indemnification by IR, (ii) a statement which may form the basis of reliance by IR, (iii) a modification of any of the terms and conditions of sale agreed to in writing between IR and its customers with respect to any IR products, whether previously sold or to be sold in the future.