



Date Issued: 2-7-05

## **RoHS Compliance Statement Pertaining to AEM's SolidMatrix<sup>®</sup> Fuses**

The Restriction of Hazardous Substances in Electrical and Electronic Equipment (RoHS) Directive was passed into law by the European Union (EU Directive 2002/95/EC). The Directive restricts the use of the following materials:

- Lead (Pb) < 0.1% by component weight (< 1000 PPM)
- Mercury (Hg) < 0.1% by component weight (<1000 PPM)
- Cadmium (Cd) < 0.01% by component weight (<100 PPM)
- Chromium VI (Cr VI) < 0.1% by component weight (< 1000 PPM)
- Polybrominated flame retardants (PBB and PBDE) <0.1% by component weight (<1000 PPM)

There are, however, ten allowed exemptions to the RoHS Directive (see Annex of EU Directive 2002/95/EC). Only one of the exemptions noted pertains to AEM SolidMatrix<sup>®</sup> Fuses. This exemption allows for lead in the glass of electronic components (i.e. leaded glass may be present in the base metallization of the terminations).

Based on the above interpretation of the RoHS directive, AEM certifies that the SolidMatrix<sup>®</sup> Series of Fuses (as noted in Tables I, II, III, and IV on the following pages) are RoHS compliant.

Should you have any questions or need additional details regarding RoHS compliance and AEM's SolidMatrix<sup>®</sup> Fuse Products, please feel free contact your AEM Customer Service Representative.

Sincerely,

A handwritten signature in black ink that reads 'Jeff Montgomery'. The signature is written in a cursive style and is positioned above the printed name.

Jeff Montgomery  
Senior VP of Operations and Director of Quality

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**Table I.**  
**1206 SolidMatrix® Series Fast Acting Surface Mount Fuses.**

AEM Part Number	RoHS Compliant
F1206FA0250V125T	Yes
F1206FA0375V125T	Yes
F1206FA0500V063T	Yes
F1206FA0750V063T	Yes
F1206FA1000V063T	Yes
F1206FA1500V063T	Yes
F1206FA1750V063T	Yes
F1206FA2000V063T	Yes
F1206FA2500V032T	Yes
F1206FA3000V032T	Yes
F1206FA4000V032T	Yes
F1206FA5000V032T	Yes
F1206FA6000V024T	Yes
F1206FA7000V024T	Yes
F1206FA8000V024T	Yes

**Table II.**  
**0603 SolidMatrix® Series Fast Acting Surface Mount Fuses.**

AEM Part Number	RoHS Compliant
F0603FA0250V032T	Yes
F0603FA0375V032T	Yes
F0603FA0500V032T	Yes
F0603FA0750V032T	Yes
F0603FA1000V032T	Yes
F0603FA1500V032T	Yes
F0603FA2000V032T	Yes
F0603FA2500V032T	Yes
F0603FA3000V032T	Yes
F0603FA3500V032T	Yes
F0603FA4000V032T	Yes
F0603FA5000V032T	Yes
F0603FA6000V024T	Yes

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**Table III.**  
**0402 SolidMatrix® Series Fast Acting Surface Mount Fuses.**

<b>AEM Part Number</b>	<b>RoHS Compliant</b>
F0402FA0250V024T	Yes
F0402FA0375V024T	Yes
F0402FA0500V024T	Yes
F0402FA0750V024T	Yes
F0402FA1000V024T	Yes
F0402FA1500V024T	Yes
F0402FA2000V024T	Yes
F0402FA3000V024T	Yes
F0402FA4000V024T	Yes

**Table IV.**  
**1206 SolidMatrix® Series Slow Blow Surface Mount Fuses.**

<b>AEM Part Number</b>	<b>RoHS Compliant</b>
F1206SB1000V063T	Yes
F1206SB1250V063T	Yes
F1206SB1500V063T	Yes
F1206SB2000V063T	Yes
F1206SB2500V032T	Yes
F1206SB3000V032T	Yes
F1206SB3500V032T	Yes
F1206SB4000V032T	Yes
F1206SB4500V032T	Yes
F1206SB5000V032T	Yes
F1206SB5500V024T	Yes
F1206SB6000V024T	Yes
F1206SB7000V024T	Yes
F1206SB8000V024T	Yes

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