



2005/04/12

WORLD PRODUCT INC.

Tel: 707-996-5201

RoHS Substances

1. Products: SANKEN Varistors - VR and SV series
2. Banned Substances (RoHS Standard, Product and Packaging)
 - a) Cadmium and compounds
 - b) Hexavalent chromium and compounds
 - c) Lead (Pb) and compounds
 - d) Mercury and compounds
 - e) PBDEs (PolyBromoDiphenylEthers)
 - f) PBBs (PolyBromoBiphenyls)

3. Contents

P/N	Product weight	Substance name	Content	Regio of content
VR series	0.32g	Lead (Pb) High melting Solder	1.5mg	Connection of between die and frame
SV series	0.32g	Lead (Pb) High melting Solder	1.5mg	Connection of between die and frame

4. Summary

The above parts are used high melting temperature type solders where die and frame are connected. Since RoHS requirement of European Directive 2002/95/EC exempts the use of the material, those mentioned Sanken products meet the requirement.

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