

# RoHS Certificate of Compliance - Resistive Products

VENKEL LTD. hereby declares and certifies that all components manufactured are RoHS compliant according to the definitions and restrictions given by The European Parliament (Directive 2002/95/EC) and The Council of January 27, 2003 on the restriction of the use of certain hazardous substances in electrical and electronic equipment, except as that allowed by RoHS noted below.\*\* The directive provides guidelines to restrict the use of hazardous substances in the material composition of the components we supply throughout the supply chain and VENKEL LTD. hereby states that any of the following list of banned substances are not in any part of the components we supply.

1. Lead (Pb) 0.1% (No. 5 in the annex)\*\*
2. Mercury (Hg) 0.1%\*\*
3. Cadmium (Cd) 0.01%\*\*
4. Hexavalent Chromium (Cr+6) 0.1%\*\*
5. Polybrominated Biphenyls (PBB) 0.1%\*\*
6. Polybrominated Diphenyl Ethers (PBDE)\*\*

These include all product categories as follows:

PHCR (Precision High Value)  
CRN (Chip Resistor Arrays)  
TRCR (Trimmable)  
CR (Chip Resistors)  
LCR (Low Value Chip Resistors)  
ULCR (Ultra Low Value Chip Resistors)  
TFCR (Rectangular Thin Film)  
UPTF (Ultra Precision Thin Film)  
TRN (Melf Thin Film)  
HMCR (High Value)  
NTC (Chip Thermistors)  
THR (Resistor Networks)

All the products listed above are now made in accordance to the RoHS directive which states that:

\*\* "A maximum concentration of 0.1% by weight in homogenous materials for lead, mercury, hexavalent chromium, polybrominated biphenyls (PBB) and polybrominated diphenyl ethers (PBDE) and of 0.01% by weight in homogenous materials for cadmium shall be tolerated." Lead in glass and ceramics is exempt per No. 5 of the RoHS annex."

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