

## RoHS Compliance January 2006

New European Commission Directives are being introduced that will ban the use of certain materials in electrical and electronic equipment. These directives are :

- 2002/96/EC Waste Electrical and Electronic Equipment ( WEEE )
- 2002/95/EC Restriction of Hazardous Substances in electrical and electronic equipment ( RoHS )

As a major supplier to electrical and electronic equipment manufacturers these directives will have a direct impact on our products and the materials used in their construction. The following materials are classified as hazardous and will be governed by a maximum concentration value : Lead, mercury, hexavalent chromium, cadmium, polybrominated biphenyls (PBB) and Polybrominated diphenyl ethers (PBDE).

The purpose of this document is to confirm that the materials supplied by BHC Components comply with the requirements of the RoHS Directive.

### Guidance Notes

**Material** - refers to any materials used in the construction of aluminium electrolytic capacitors ( e.g. foils, tissues, chemicals, piece-parts and assemblies ), or supplied as accessories ( e.g. screws, washers, clips etc.).

**Maximum concentration value (MCV)** - defines the maximum allowable concentration level of a restricted chemical by weight in each homogenous material within the part or material supplied. Restricted chemicals can be present within the homogenous material provided that their concentration level is below this value.

**Homogenous material** - defined as material of uniform composition throughout that cannot be mechanically disjointed into different materials. Examples : a moulded plastic part would be considered as homogenous material, but a plated steel screw would be considered as two homogenous materials ( steel + plating ) each of which must comply with the MCV.

## RoHS Declaration

We confirm that the materials supplied by BHC Components Ltd ( see product list below ) comply with the requirements of the RoHS Directive (2002/95/EC) and in particular that the concentration level of any hazardous substance within homogenous material is less than that shown below :

<u>Substance</u>	<u>Maximum Concentration Value (MCV)</u>
Lead	0.1%
Mercury	0.1%
Hexavalent Chromium	0.1%
Cadmium	0.01%
Polybrominated Biphenyls (PBB)	0.1%
Polybrominated Diphenyl Ethers (PBDE)	0.1%

Product	Range	Manufacturing compliance date	Shipping compliance date
Screw-terminal	ALS30/31/34/35/40/41 PEH169/200	All dates	All dates
Snap-in, pcb mount and tag ended	ALC10/40/12/42 ALP10/20/22 ALT10/11/20/21/22/23 ALN	From 1 <sup>st</sup> January 2005	From 1 <sup>st</sup> July 2005
Motor-Start	MS/MD	From 1 <sup>st</sup> January 2005	From 1 <sup>st</sup> July 2005
Accessories	All types	From 1 <sup>st</sup> January 2005	From 1 <sup>st</sup> July 2005

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