



Giaveno, 05/05/2005

SUBJECT: RoHS STATEMENT – Power resistors

The RoHS Directive 2002/95/EC restricts the amount of six environmentally hazardous substances found in electrical and electronic equipment: lead, mercury, cadmium, hexavalent chromium, PBB, PBDE.

The use of the substances listed in the above Directive was analyzed carefully.

ATE assures that limits of 0,1% for lead, mercury, chromium, PBB, PBDE and 0,01% for cadmium are observed.

Some traces of the above materials could be present as impurities in the raw material but they are not intentionally added.

We have to point out that we do not measure the content of these impurities in our products.

The current status of compliance for our products is summarised in the table below.

Product description	RoHS status 30/06/2005	Compliant Date	Terminals finish	Order Specific.
Axial wire wound resistor CS	Compliant	30/06/2005	Ni/Sn100%	Spec. LF
Symmetry wire wound resistor SR	Compliant	01/01/2000	Stainless	Nothing
Smd wire wound resistor SM	Compliant	30/06/2005	Sn100%	Spec. LF
Aluminium housed ww resistor RB	Compliant	01/01/2000	Sn100%	Nothing
Aluminium housed ww resistor RB/4	Compliant	01/01/2000	Sn100%	Nothing
Aluminium housed ww resistor RB/6	Compliant	01/01/2000	Sn100%	Nothing
Aluminium housed ww resistor RB/7	Compliant	01/01/2000	Sn100%/Ni	Nothing
Aluminium housed ww resistor RB/8	Compliant	01/01/2000	Ni	Nothing
Thick film power resistor PR100	Compliant	30/06/2005	Sn100%	Spec. LF
Thick film power resistor PR250	Compliant	30/06/2005	Sn100%	Spec. LF
Antimoisture heating DAT	Compliant	30/06/2005		Spec. LF

Many products constructed before the compliant date are in any case within the limits indicated above, however all products can be used at temperatures for “lead free” applications (up to 270 °C).

The ordering codes will not change as the Pb free parts are backward compatible with SnPb soldering process.

Before the end of transition period, if customers make this clear at time of ordering, the RoHS status will be pointed out in the order confirmation and Pb free parts will be identified by a suitable label on the packaging.

ATE-ELECTRONICS srl

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