

# Product Compliance Certificate

## Restriction of the use of certain Hazardous Substances - RoHS2 - 2011-65/EU

The EC RoHS Recast Directive 2011/65/EU restricts the use of the hazardous substances listed below in electrical equipment

The maximum concentration values of the restricted substances by weight are:

Lead	0.1%
Mercury	0.1%
Hexavalent Chromium	0.1%
Polybrominated Biphenyls	0.1%
Polybrominated Diphenyl Ethers	0.1%
Cadmium	0.01%

Based on information provided by its suppliers Farnell designates the product listed below as:

### **RoHS Compliant**

For orders placed on the date of this certificate

**RoHS Compliant** - means that Farnell's supplier has confirmed that the substances are either not present or only present at concentrations under the maximum

**Not RoHS Compliant** - means that Farnell's supplier has confirmed that the substances are present at concentrations over the maximum limits and no exemptions apply.

**RoHS Compliant by Exemption** - means that Farnell's supplier confirmed that one or more substances are present above limit but the usage is permitted by the exemptions named below.

**RoHS Not Applicable** - means that Farnell's supplier has said that EU RoHS does not apply for this part.

**RoHS Data Not Available** - means that either Farnell's supplier has not yet checked for the substances or that the data is under review.

### **RoHS 2 Amendment 2015/863**

RoHS 2 has been modified by amendment 2015/863. This amendment will be in force for most products from 22nd July 2019 and restricts the use of four additional hazardous substances.

The maximum concentration values of the restricted substances by weight are:

Bis(2-Ethylhexyl) phthalate (DEHP)	0.1%
Benzyl butyl phthalate (BBP)	0.1%
Dibutyl phthalate (DBP)	0.1%
Diisobutyl phthalate (DIBP)	0.1%

Based on information provided by its suppliers Farnell designates the product listed below as:

### **RoHS Phthalates Data Not Available**

For orders placed on the date of this certificate

**RoHS Phthalates Compliant:** - means that Farnell's supplier has confirmed that the substances are either not present or only present at concentrations under the maximum limits.

**Not RoHS Phthalates Compliant** - means that Farnell's supplier has confirmed that the substances are present at concentrations over the maximum limits and no exemptions apply.

**RoHS Phthalates Not Applicable** - means that Farnell's supplier has said that EU RoHS does not apply for this part.

**RoHS Phthalates Data Not Available** - means that either Farnell's supplier has not yet checked for the substances or that the data is under review.

**REACH - EC 1907/2006**

Farnell regularly reviews all the products it sells for substances on the REACH Substances of Very High Concern (SVHC) candidate list with its suppliers.

Based on the most recent information provided by our suppliers Farnell understands the SVHC content to be as follows:-

**Lead (15-Jan-2019)**

If an SVHC is present then a document provided by the supplier giving details of the safe use of this product can be found on Farnell's website [www.farnell.com](http://www.farnell.com) The safe use document will also be sent to affected customers if this product is ordered

**To be advised** - To be advised means that Farnell's collection is ongoing - please contact the Product Compliance Team ([productcompliance@farnell.com](mailto:productcompliance@farnell.com)) for an update

Farnell takes reasonable steps to obtain suppliers' statements regarding the absence/presence of the restricted substances and maintains a full audit trail of relevant documentation to support this.

Order Code	1611824
Description	ABRACON ABS25-32.768KHZ-T Crystal, 32.768 kHz, SMD, 8mm x 3.8mm, 12.5 pF, 20 ppm, ABS25 Series
Manufacturer / Brand Name	ABRACON
Manufacturer Part Number	ABS25-32.768KHZ-T
Date	26-Sep-2019
Customer	Brian Dorey

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Product Compliance Senior Manager  
Statement on behalf of Farnell