

## UK & EU RoHS DECLARATION – PRODUCT COMPLIANCE

Part Number: S1931-46R  
Product Description: 5.50mm SMT Multi-directional Spring Contact (T+R)

RoHS Statement: RoHS Compliant (2015/863/EU) with no Exemption required

### Notes:

1. RoHS compliance is declared on the basis of the maximum concentration values (MCVs) in homogeneous materials, as defined in Directive 2011/65/EU as amended by Delegated Directive (EU) 2015/863, and for Great Britain in The Restriction of the Use of Certain Hazardous Substances in Electrical and Electronic Equipment Regulations 2012 (SI 2012/3032) as amended. For Northern Ireland, EU RoHS requirements apply.
2. A product is declared RoHS compliant when it meets both of the following criteria:
  - a. each restricted substance in every homogeneous material is at or below the applicable MCVs listed below; and
  - b. where compliance relies on an exemption, the applicable exemption reference(s), scope and expiry date are stated on this declaration:

### Substances:

- Lead – 0.1%
- Mercury – 0.1%
- Cadmium – 0.01%
- Hexavalent Chromium – 0.1%
- Polybrominated Biphenyls (PBB) – 0.1%
- Polybrominated Diphenyl Ethers (PBDE) – 0.1%
- Bis (2-ethylhexyl) Phthalate (DEHP) – 0.1%
- Butyl Benzyl Phthalate (BBP) – 0.1%
- Dibutyl Phthalate (DBP) – 0.1%
- Diisobutyl Phthalate (DIBP) – 0.1%

### Exemptions:

- Exemption 6(c) – Copper alloy containing up to 4 % lead by weight.
3. Where a solderable product shows ‘not recommended for lead-free soldering’, this relates to soldering process suitability only and does not, by itself, indicate RoHS non-compliance. In this case, the plastic materials used may not withstand the higher soldering temperatures associated with lead-free soldering processes. Non-solderable products are not subject to this note.
  4. Hand tooling products supplied by Harwin are not electrical and electronic equipment (EEE) and are outside the scope of EU and UK RoHS. Where applicable, the RoHS Statement line will state ‘Not applicable to RoHS (2015/863/EU)’.
  5. Where a product is compliant only by use of an exemption, the relevant status line will state ‘Compliant with exemption(s)’ and the exemption details will be listed under Notes.

Harwin’s compliance statements and material composition documents can be found on the relevant product page, or at [www.harwin.com/compliance](http://www.harwin.com/compliance). If you have any questions about this declaration, please contact us via [complianceteam@harwin.com](mailto:complianceteam@harwin.com)

### John P Collins

#### Product Environmental Compliance Specialist

This declaration is based on reasonable enquiry within our supply chain and reflects the information available to Harwin plc at the time of publication. It represents our best knowledge as of the issue date. This declaration is issued electronically and is valid without a handwritten signature. It remains valid until superseded or withdrawn. Harwin operates an ongoing development and review programme, and information may change as new data becomes available. For updates or further clarification, please contact [complianceteam@harwin.com](mailto:complianceteam@harwin.com)