



## Statement of Compliance

### Requested Part

21 July 2018

146839-3

(Part 1 of 1)

CF HDR,SMT,50P,VERT,TYPE 1,LEAD FREE

**Part Status:** Active

**Mil-Spec Certified:** No

**EU RoHS Directive:** Compliant  
2011/65/EU

**EU RoHS Directive with Phthalates Amendment:** Compliant  
2011/65/EU, 2015/863/EU

The 4 Phthalates substances of amendment 2015/863/EU only become restricted as of 22 July 2019 for all electrical and electronic equipment, apart from Categories 8 (medical devices) and 9 (monitoring and control equipment) for which the restriction applies as of 22 July 2021.

**EU ELV Directive:** Not Yet Reviewed  
2000/53/EC

**China RoHS:**  No Restricted Materials Above Threshold  
MIIT Order No 32, 2016

**EU REACH SvHC Compliance:** Current ECHA Candidate List: **JAN 2018**  
(EC) No. 1907/2006 Candidate List Declared Against: **JAN 2018**  
Does not contain REACH SVHC

**Halogen Content:** Low Halogen - Br, Cl, F, I < 900 ppm per homogenous material. Also BFR/CFR/PVC Free

**Solder Process Capability Code:** Reflow solder capable to 260°C

**Material Declarations:** [MD\\_146839-3](#)

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This information is provided based on reasonable inquiry of our suppliers and represents our current actual knowledge based on the information they provided. This information is subject to change.

The part numbers that TE has identified as EU RoHS compliant have a maximum concentration of 0.1% by weight in homogenous materials for lead, hexavalent chromium, mercury, PBB, PBDE, and 0.01% for cadmium, or qualify for an exemption to these limits as defined in the Annexes of Directive 2011/65/EU (RoHS2). Finished electrical and electronic equipment products will be CE marked as required by Directive 2011/65/EU. Components may not be CE marked.

Additionally, the part numbers that TE has identified as EU ELV compliant have a maximum concentration of 0.1% by weight in homogenous materials for lead, hexavalent chromium, and mercury, and 0.01% for cadmium, or qualify for an exemption to these limits as defined in the Annexes of Directive 2000/53/EC (ELV).

Regarding the REACH Regulations, TE's information on SVHC in articles for this part number is still based on the European Chemical Agency (ECHA) "Guidance on requirements for substances in articles" (Version: 2, April 2011), applying the 0.1% weight on weight concentration threshold at the finished product level. TE is aware of the European Court of Justice ruling of September 10th, 2015 also known as OSA (Once An Article Always An Article) stating that, in case of 'complex object', the threshold for a SVHC must be applied to both the product as a whole and simultaneously to each of the articles forming part of its composition. TE has evaluated this ruling based on the new ECHA "Guidance on requirements for substances in articles" (June 2017, version 4.0) and will be updating its statements accordingly in 2018.

