

## Environmental Compliance Report

Part Number : SFW8R-3STE1LF  
 Part Description : FPC/FFC - SFW-R series, 8 Pos, Down Side Contact, Side Entry Surface Mount ZIF Connector, 1mm (0.039inch), Lead Free, with Cable Lock  
 Status : active  
Applicable Environmental Specification  
 EU RoHS Status<sup>1</sup> : Directive 2011/65/EU and 2015/863 Compliant  
 EU RoHS Exemptions<sup>2</sup> : Not Applicable  
 China RoHS Status :

Hazardous Substance					
Lead (Pb)	Mercury (Hg)	Cadmium (Cd)	Hexavalent Chromium (Cr 6*)	Polybrominated biphenyl (PBB)	Polybrominated diphenylether (PBDE)
O	O	O	O	O	O
This table is prepared according to SJ/T 11364. O: Indicates that this hazardous substance contained in all of the homogeneous materials for this part is below the limit requirement in GB/T 26572. X: Indicates that this hazardous substance contained in at least one of the homogeneous materials used for this part is above the limit requirement in GB/T 26572.					

REACH/SVHC Compliant<sup>3</sup> : Yes  
 Halogen compound content<sup>4</sup> : Low Halogen  
 Solder Processability : Reflow solder capable to 260°C

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1: EU RoHS compliant part numbers have a maximum concentration of 0.1% by weight in homogeneous materials for lead, hexavalent chromium, mercury, PBB, PBDE compounds, DEHP, BBP, DBP, DIBP and also 0.01% for cadmium compounds. EU RoHS Compliant part numbers may qualify for an exemption to the above limits as defined in the EU RoHS Directive.

2: European Union RoHS Compliance Exemption Description

Exemption	Description
6a	Lead as an alloying element in steel for machining purposes and in galvanized steel containing up to 0.35 % lead by weight
6b	Lead as an alloying element in aluminium containing up to 0.4 % lead by weight
6c	Copper alloy containing up to 4 % lead by weight
7c-1	Electrical and electronic components containing lead in a glass or ceramic other than dielectric ceramic in capacitors

3: REACH/SVHC Compliant "Yes" means none of the SVHC candidate list of substances published by European Chemical Agency (ECHA) on or before 27 June 2018 is present more than or equal to 0.1% in the article. "No" means at least one or more of the SVHC candidate list substances is present at levels more than or equal to 0.1% in the article; send an email to [RoHS@fci.com](mailto:RoHS@fci.com) or [GBS-ECE@fci.com](mailto:GBS-ECE@fci.com) for a more comprehensive Certificate of Compliance letter that describes the SVHC substance and amount in this article.

4: Low Halogen definition (according to JEDEC/ECA Standard JS709): For components other than printed board and substrate laminates, the plastic within the component shall contain <1000 ppm (0.1%) of bromine [if the bromine source is from a BFR] and <1000 ppm (0.1%) of chlorine [if the chlorine source is from a CFR, PVC or PVC copolymer].

Halogen Free definition (according to IEC 61249-2-21): Materials for printed boards and other interconnecting structures the plastic shall contain < 900ppm of Bromine or Chlorine and <1500ppm of Bromine and Chlorine combined from any source.

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