

### Environmental Compliance Report

Part Number : SFV20R-2STE1HLF  
 Part Description : FPC/FFC - 0.50mm Flex Connector, SFV-R Series, 20 Position, Top Side Contact, Side Entry Surface Mount ZIF Connector, Halogen Free, Lead Free.  
 Status : active

[Applicable Environmental Specification](#)

EU RoHS Status<sup>1</sup> :



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)
0	0	0	0	0	0
	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

Low Halogen/Halogen Free<sup>4</sup> :

Yes

Korea/India/Singapore/UAE/Turkey/Japan/Taiwan RoHS Compliant:

Yes

PFOS/PFOA Free :

Yes

Red Phosphorous Free :

Yes

WARNING (CA Prop 65)<sup>5</sup> :

This product can expose you to Lead, Nickel which are known to the State of California to cause Cancer, Developmental Toxicity, Male And Female Reproductive Toxicity.

Martha N. Coopersmith-Gray

Director – Environmental, Health, Safety, Sustainability and Product Stewardship, Amphenol ICC

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
6(a)-I	Lead as an alloying element in steel for machining purposes containing up to 0.35 % lead by weight and in batch hot dip galvanised steel components containing up to 0.2 % lead by weight
6(b)-II	Lead as an alloying element in aluminium for machining purposes with a lead content up to 0.4 % by weight
6(c)	Copper alloy containing up to 4 % lead by weight
7(c)-I	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 **16 January 2020** 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 [env.pc@amphenol-icc.com](mailto:env.pc@amphenol-icc.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.

5: For more information go to <http://www.p65warnings.ca.gov/>.

*Amphenol ICC (AICC) provides the above data and information in good faith based upon current knowledge and experience, but makes no warranty that such data or information is free from error, is complete or is sufficient for user's intended purpose EVEN IF MADE KNOWN TO AICC. AICC specifically disclaims any warranty, express or implied, and assumes no liability with respect to the effectiveness or safety of the products listed above. Each user must make its own determination as to the suitability of AICC's products and materials for its own particular purposes, and must assure that its products fabricated from AICC's products and materials are safe and lawful. It is the user's responsibility to assure proper use and disposal of AICC's products and materials, the safety and health of user's employees and customers, and user's compliance with applicable laws and regulations.*