

Environmental Compliance Report

Part Number : SFV19R-2STE1HLF
 Part Description : FPC%2FFFC - 0.50mm Flex Connector, SFV-R Series, 19 Position, Top Side Contact, Side Entry Surface Mount ZIF Connector, Halogen Free, Lead Free.
 Status : active+on+hold

Applicable Environmental Specification


EU RoHS Status¹ :



EU RoHS Exemptions²

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.					

China RoHS Exemptions³ :

Not Applicable

REACH/SVHC Compliant⁴ :

Yes

Low Halogen/Halogen Free⁵ :


Yes

PFOS/PFOA Free :

Yes

Red Phosphorous Free :

Yes

 WARNING (CA Prop 65)⁶ :

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: China RoHS Compliance Exemption Description (Note: This is applicable only if the parts are used in any of products mentioned in China RoHS Catalogue)

编号	应用	限值要求
7.1	用于加工的铜合金和镀锌钢 (铅作为合金元素)	≤0.35% (重量百分比)
7.2	铝合金 (铅作为合金元素)	≤0.4% (重量百分比)
7.3	铜合金 (铅作为合金元素)	≤4% (重量百分比)
8.2	用于服务器、存储器和存储阵列系统的焊料; 用于交换、信号发送和传输, 以及电信网络管理的网络基础设施设备内焊料	无限值要求
8.3.1	陶瓷及玻璃: 用于除介电陶瓷电容以外的电子电气元器件(例如, 压电器件、玻璃和陶瓷的复合材料)	无限值要求
10.2	除 c. 顺应针连接器系统外的连接器系统	无限值要求

4: REACH/SVHC Compliant "Yes" means none of the SVHC candidate list of substances published by European Chemical Agency (ECHA) on or before **19 January 2021** is present more than or equal to 0.1% in the article. "SVHC present above threshold" 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 for a more comprehensive Certificate of Compliance letter that describes the SVHC substance and amount in this article.

5: 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.

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

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