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1-2306314-1

PV EDGE J BOX +PV4,FLAP,N-S,S,MT



SOLARLOK |
SOLARLOK PV Edge Junction Box

TE Internal #: **1-2306314-1**
TE Internal Description: **PV EDGE J BOX +PV4,FLAP,N-S,S,MT**

Product Type : **Junction Box**
Contact Base Material : **Copper Alloy**
Housing Material : **Polyphenylene Ether (PPE) + Polystyrene (PS)**
Keying : **Plus**
Junction Box Type : **Crystalline**

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Digital Datasheet

ORDER SAMPLES

Compatible Parts & Tooling

Documents	Features	Product Compliance
Product Drawings	PV EDGE J BOX +PV4,FLAP,N-S,S,MT PV EDGE J BOX +PV4,FLAP,N-S,S,MT English	
CAD Files	3D PDF 3D_CVM_CVM_1-2306314-1_B.pdf 3D Customer View Model ENG_CVM_CVM_1-2306314-1_B.2d_dxf.zip English ENG_CVM_CVM_1-2306314-1_B.3d_igs.zip English ENG_CVM_CVM_1-2306314-1_B.3d_stp.zip English	
Datasheets & Catalog Pages	SOLARLOK PV Edge Junction Box ENG_DS_1-1773904-6_SOLARLOK_PV_Edge_Junction_Bo_1118.pdf English	
Product Specifications	Application Specification ENG_SS_114-32157_G.pdf English Product Specification ENG_SS_108-32122_H.pdf English	

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Agency Approvals

UL Report

[📄 ENG_AAD_UL_E321923_20170829_A.pdf](#)

English

TUV Certificate

[📄 ENG_AAD_TUV_R60120924_A.pdf](#) English

Please review product documents or [contact us](#) for the latest agency approval information. Please Note: Use the Product Drawing for all design activity.

Product Type
Features

Product Type : **Junction Box**
Junction Box Type : **Crystalline**
Connector Type : **PV4-S**
Connection Style : **Plug Connector**
Diode Style : **SL2020A, SL2020B**

Configuration
FeaturesKeying : **Plus**Electrical
CharacteristicsBypass Diode : **With**

Body Features

Interconnection Type : **Serial**
Color : **Black**

Contact Features

Contact Finish : **Tin**
Contact Base Material : **Copper Alloy**
Number of Contact Rails : **2**

Termination
FeaturesFoil Termination Method : **S-Clip**

Housing Features

Housing Material :
Polyphenylene Ether (PPE) + Polystyrene (PS)
Housing Color : **Black**

Dimensions

Dimensions (mm): **140 x 31 x 20 (W x D x H)**Packaging
FeaturesPackaging Quantity : **72**EU RoHS
Directive
2011/65/EU

Exemptions:
7(a) - Pb-High melt temp. solder

This declaration covers EU Directive 2011/65/EU incl. Delegated Directive 2015/863/EU. The restrictions under 2015/863/EU apply as of 22 July 2021 for EEE categories 8 (medical devices) and 9 (monitoring and control equipment).







EU ELV Directive 2000/53/EC	Exemptions: 8(e) - Lead in high melting solders greater than 85% by weight.																																																
China RoHS 2 Directive MIIT Order No 32, 2016																																																	
<table><tr><th rowspan="2">部件名称 (Component Name) 1-2306314-1</th><th colspan="6">有害物质 (Hazardous Substance)</th></tr><tr><th>铅 (Pb)</th><th>汞 (Hg)</th><th>镉 (Cd)</th><th>六价 铬 (Cr6)</th><th>多溴 联苯 (PBB)</th><th>多溴二 苯醚 (PBDE)</th></tr><tr><td>其他产品 (Miscellaneous Products)</td><td>X</td><td>○</td><td>○</td><td>○</td><td>○</td><td>○</td></tr><tr><td colspan="7">本表格依据SJ/T 11364标准的规定编制。This table is compiled according to SJ/T 11364 standard.</td></tr><tr><td colspan="7">○: 表示该有害物质在该部件所有均质材料中的含量均在GB/T 26572标准规定的限量要求以下。 Indicates that the concentration of the hazardous substance in all homogeneous materials of the part is below the relevant threshold of the GB/T 26572 standard.</td></tr><tr><td colspan="7">X: 表示该有害物质至少在该部件的某一均质材料中的含量超出GB/T 26572标准规定的限量要求。 Indicates that the concentration of the hazardous substance in at least one homogeneous material of the part is above the relevant threshold of the GB/T 26572 standard.</td></tr><tr><td colspan="7">电子电气产品的环保使用期限依据SJ/T 11388标准的规定确定。 The EFUP value of EEP is defined according to SJ/T 11388 standard.</td></tr></table>		部件名称 (Component Name) 1-2306314-1	有害物质 (Hazardous Substance)						铅 (Pb)	汞 (Hg)	镉 (Cd)	六价 铬 (Cr6)	多溴 联苯 (PBB)	多溴二 苯醚 (PBDE)	其他产品 (Miscellaneous Products)	X	○	○	○	○	○	本表格依据SJ/T 11364标准的规定编制。This table is compiled according to SJ/T 11364 standard.							○: 表示该有害物质在该部件所有均质材料中的含量均在GB/T 26572标准规定的限量要求以下。 Indicates that the concentration of the hazardous substance in all homogeneous materials of the part is below the relevant threshold of the GB/T 26572 standard.							X: 表示该有害物质至少在该部件的某一均质材料中的含量超出GB/T 26572标准规定的限量要求。 Indicates that the concentration of the hazardous substance in at least one homogeneous material of the part is above the relevant threshold of the GB/T 26572 standard.							电子电气产品的环保使用期限依据SJ/T 11388标准的规定确定。 The EFUP value of EEP is defined according to SJ/T 11388 standard.						
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EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JAN 2019 (197) Candidate List Declared Against: JAN 2018 (181)																																																
Halogen Content																																																	
Solder Process Capability	Not reviewed for solder process capability																																																
Statement of Compliance	Statement of Compliance pdf																																																
Compliance Documents	There may be Environmental Compliance related documents on the DOCUMENTATION Tab																																																
Disclaimer	<p>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, DBP, BBP, DEHP, DIBP, 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</p>																																																

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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 O5A (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.

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