

2315176-1 ✓ ACTIVE

SOLARLOK | SOLARLOK 2.0 DC Connector

TE Internal #: 2315176-1

Solar Connectors & Adapters, Cable Coupler, Plug, Copper Alloy, Minus, 12 AWG / 10 AWG / 14 AWG Wire Size, SOLARLOK 2.0 DC Connector

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Energy & Power > Solar & Photovoltaics > Solar Connectors & Adapters > SOLARLOK SLK 2.0 DC Plug & Splice Connectors



Solar Connector Type: **Cable Coupler**

Solar Connector Style: **Plug**

Contact Base Material: **Copper Alloy**

Solar Connector & Adapter Keying: **Minus**

Wire Size: **10 AWG, 12 AWG, 14 AWG**

[All SOLARLOK SLK 2.0 DC Plug & Splice Connectors \(6\)](#)

## Features

### Product Type Features

Product Type	Connector
Solar Connector Type	Cable Coupler
Solar Connector Style	Plug

### Configuration Features

Solar Connector & Adapter Keying	Minus
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### Contact Features

Contact Finish	Tin
Contact Base Material	Copper Alloy

### Housing Features

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



### Dimensions

Wire Size	2.5 mm <sup>2</sup> , 4 mm <sup>2</sup> , 6 mm <sup>2</sup>
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### Industry Standards

Agency/Standard	UL
IP Rating	IP68

### Packaging Features

Packaging Quantity	200
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### Product Compliance

[For compliance documentation, visit the product page on TE.com>](#)

EU RoHS Directive 2011/65/EU	Compliant
EU ELV Directive 2000/53/EC	Compliant
China RoHS 2 Directive MIIT Order No 32, 2016	No Restricted Materials Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUNE 2023 (235) Candidate List Declared Against: JUNE 2022 (224) 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	Not reviewed for solder process capability

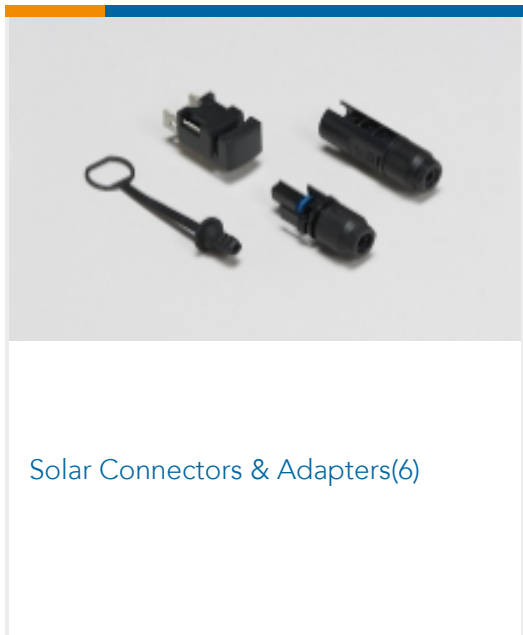
#### Product Compliance Disclaimer

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 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 Regulation, the information TE provides on SVHC in articles for this part number is based on the latest European Chemicals Agency (ECHA) 'Guidance on requirements for substances in articles' posted at this URL: <https://echa.europa.eu/guidance-documents/guidance-on-reach>

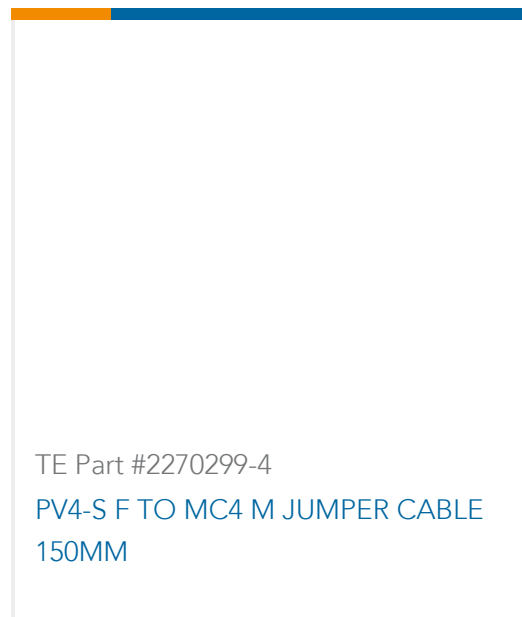
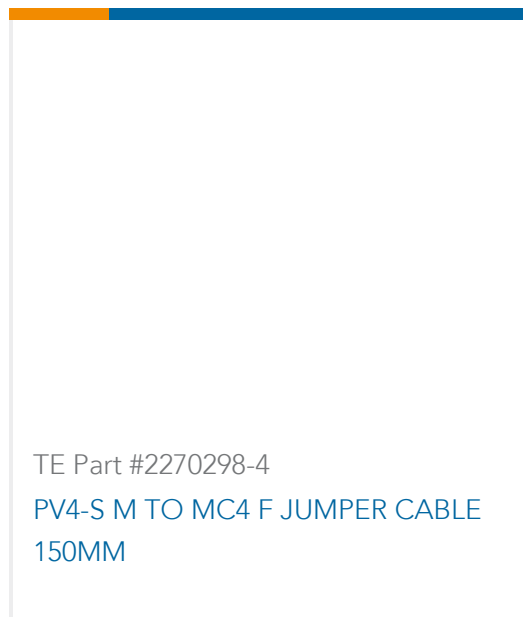
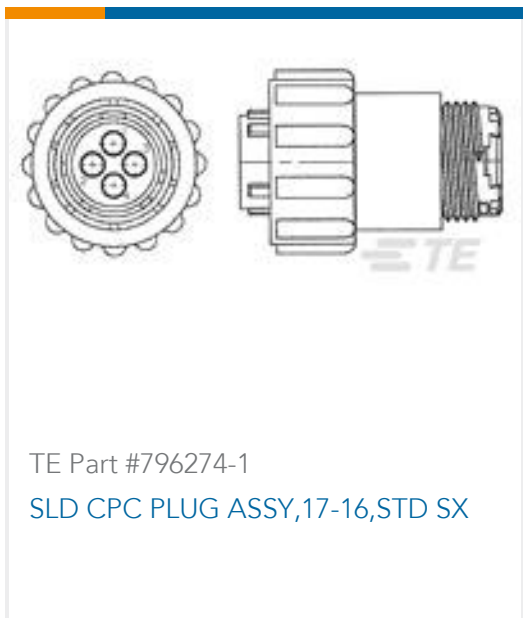
### Compatible Parts



Also in the Series | **SOLARLOK 2.0 DC Connector**



Customers Also Bought



Documents

Product Drawings

[SLK-PI-1-BL-XX SOLARLOK 2.0 1500V](#)

English

CAD Files

[3D PDF](#)

[3D](#)



**Customer View Model**

[ENG\\_CVM\\_CVM\\_2315176-1\\_B.2d\\_dxf.zip](#)

English

**Customer View Model**

[ENG\\_CVM\\_CVM\\_2315176-1\\_B.3d\\_igs.zip](#)

English

**Customer View Model**

[ENG\\_CVM\\_CVM\\_2315176-1\\_B.3d\\_stp.zip](#)

English

By downloading the CAD file I accept and agree to the [Terms and Conditions](#) of use.

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**Datasheets & Catalog Pages**

[SOLARLOK\\_2.0\\_DC\\_PLG\\_CONN\\_and\\_SPLICES](#)

English

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**Product Specifications**

[Application Specification](#)

English

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**Agency Approvals**

[DEKRA\\_CERT\\_31-119033\\_C1 IEC 62852](#)

English

[DEKRA\\_CERT\\_2247610.02-AOC\\_C1 Solarlok 2.0 IEC60998-2-3](#)

English