



Energy & Power > Solar Connectors > DC Plug & Splice Connectors



Solar Connector Type: Cable Coupler
Solar Connector Style: Plug
Contact Base Material: Copper Alloy
Keying Type: Minus
Wire Size: 10 AWG, 12 AWG, 14 AWG

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

Features

Product Type Features

Solar Connector Type	Cable Coupler
Solar Connector Style	Plug

Configuration Features

Keying Type	Minus
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Contact Features

Contact Plating Material	Tin
Contact Base Material	Copper Alloy

Housing Features

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

Dimensions

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Wire Size	2.5 mm², 4 mm², 6 mm²
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Industry Standards

IP Rating	IP68
Compatible With Agency/Standards Products	UL

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	有害物质含量符合标准要求 No Restricted Substance(s) Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUNE 2025 (250) Candidate List Declared Against: JAN 2025 (247) SVHC > Threshold: Triphenyl phosphate (TPP) (.5% in 14318666074) Article Safe Usage Statements: Wash thoroughly after handling. Do not handle until all safety precautions have been read and understood. Recycle if possible and dispose of the article by following all applicable governmental regulations relevant to your geographic location.
Halogen Content	Low Halogen - Br, Cl, F < 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



TE Part # CAT-SLK-2
DC Plug & Splice Connectors

TE Part # CAT-SLK-SAFETY-CAP
DC Connector Protection Caps

Also in the Series

SOLARLOK 2.0 DC Connector

Solar Connectors(6)

Customers Also Bought

TE Part #ANT-DB1-RAF-SMA
Antenna WiFi6/6E Swivel SMA

TE Part #ANT-GNRM-L1A-3
Antenna GNSS L1-L3 Ext Mag RG174 3M SMA

TE Part #2820663005
44A0111-12-9

TE Part #801876-SF
FN2410-100-34

TE Part #D5154-000005-015PD
PRESS XDCR D5154-000005-015PD

TE Part #2016677-4
RF CA,UMCC GEN2-GEN4,0.81,L80, BLACK

TE Part #5-2172071-2
M12.FMLE.PNLREAR.ACODE.8P. PCBSTAND.STRT

TE Part #2308033-1
SLK-SK-1-BL-XX SOLARLOK 2.0 1500V

TE Part #CAT-PV4-S
DC Crimp Connectors



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.

Datasheets & Catalog Pages

SOLARLOK 2.0 DC CONNECTORS AND SPLICE

English

Product Specifications

Application Specification

English

Agency Approvals

DEKRA_CERT_31-119033_C1 IEC 62852

English

DEKRA_CERT_2247610.02-AOC_C1 Solarlok 2.0 IEC60998-2-3

English