

2270025-1 ✓ ACTIVE

SOLARLOK | SOLARLOK PV4-S DC Connector

TE Internal #: 2270025-1

Solar Connectors & Adapters, Cable Coupler, Socket, Copper Alloy, Plus, 12 AWG Wire Size, 4 mm² Wire Size, SOLARLOK PV4-S DC Connector

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Energy & Power > Solar & Photovoltaics > Solar Connectors & Adapters > SOLARLOK PV4-S DC Crimp Connectors



Solar Connector Type: **Cable Coupler**

Solar Connector Style: **Socket**

Contact Base Material: **Copper Alloy**

Solar Connector & Adapter Keying: **Plus**

Wire Size: **12 AWG**

[All SOLARLOK PV4-S DC Crimp Connectors \(50\)](#)

Features

Product Type Features

| | |
|-----------------------|---------------|
| Product Type | Connector |
| Solar Connector Type | Cable Coupler |
| Solar Connector Style | Socket |

Configuration Features

| | |
|----------------------------------|------|
| Solar Connector & Adapter Keying | Plus |
|----------------------------------|------|

Contact Features

| | |
|-----------------------|--------------|
| Contact Finish | Tin |
| Contact Base Material | Copper Alloy |

Housing Features

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



Dimensions

| | |
|-----------|-------------------|
| Wire Size | 4 mm ² |
|-----------|-------------------|

Industry Standards

| | |
|-----------------|------|
| Agency/Standard | UL |
| IP Rating | IP68 |

Packaging Features

| | |
|--------------------|------|
| Packaging Quantity | 1000 |
|--------------------|------|

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: JAN 2021 (211) Does not contain REACH SVHC |
| Halogen Content | BFR/CFR/PVC Free, but Br/Cl >900 ppm in other sources. |
| Solder Process Capability | Not applicable for solder process capability |

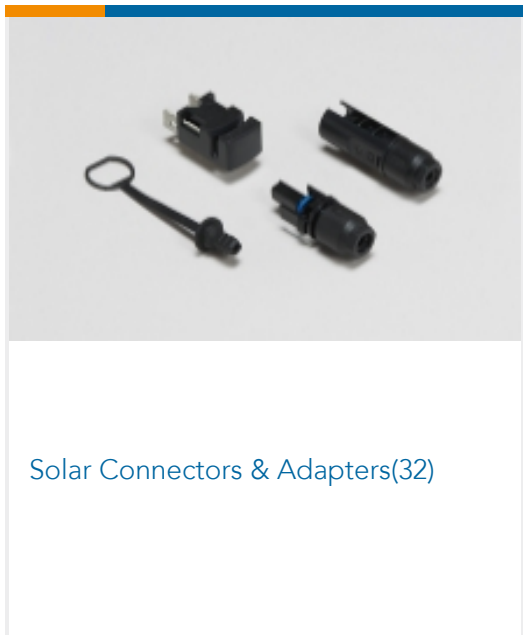
Product Compliance Disclaimer

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 PV4-S DC Connector



Customers Also Bought



Documents

Product Drawings

[SOCKET CONNECTOR KITS, PV4-S1F 4MM2,6MM2](#)

English

CAD Files

[3D PDF](#)

[3D](#)



Customer View Model

[ENG_CVM_CVM_2270025-1_B1.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_CVM_2270025-1_B1.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_2270025-1_B1.3d_stp.zip](#)

English

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

Datasheets & Catalog Pages

[1-1773888-9 SolarCatalog](#)

English

[SOLARLOK PV4-S 1500V Flyer](#)

English

Product Specifications

[PV4-S production application](#)

English

[PV4-S application specification](#)

English

Product Environmental Compliance

[Product Compliance](#)

English

[Product Compliance](#)

English

Instruction Sheets

[Instruction Sheet \(U.S.\)](#)

English

Agency Approvals

[UL](#)

English