## PIN CONNECTOR KITS, PV4-S1M

### SOLARLOK | SOLARLOK PV4-S DC Connector
TE Part #: 2270024-1  
TE Internal #: 2270024-1  
View on TE.com

**Power Systems > Solar & Photovoltaics > Solar Connectors & Adapters**

![Connector Images](image1.png)

**Connector Type:** Cable Coupler  
**Connector Style:** Plug  
**Contact Base Material:** Copper Alloy  
**Keying:** Minus  
**Wire Size:** 12 AWG

### Features

#### Product Type Features

<table>
<thead>
<tr>
<th>Product Type</th>
<th>Connector</th>
</tr>
</thead>
<tbody>
<tr>
<td>Connector Type</td>
<td>Cable Coupler</td>
</tr>
<tr>
<td>Connector Style</td>
<td>Plug</td>
</tr>
</tbody>
</table>

#### Configuration Features

<table>
<thead>
<tr>
<th>Keying</th>
<th>Minus</th>
</tr>
</thead>
</table>

#### Contact Features

<table>
<thead>
<tr>
<th>Contact Finish</th>
<th>Tin</th>
</tr>
</thead>
<tbody>
<tr>
<td>Contact Base Material</td>
<td>Copper Alloy</td>
</tr>
</tbody>
</table>

#### Housing Features

<table>
<thead>
<tr>
<th>Housing Color</th>
<th>Black</th>
</tr>
</thead>
<tbody>
<tr>
<td>Housing Material</td>
<td>Polyphenylene Ether (PPE) + Polystyrene (PS)</td>
</tr>
</tbody>
</table>

#### Dimensions

<table>
<thead>
<tr>
<th>Wire Size</th>
<th>4 mm²</th>
</tr>
</thead>
</table>

#### Packaging Features

For support call +1 800 522 6752
PIN CONNECTOR KITS, PV4-S1M

| Packaging Quantity | 1000 |

**Product Compliance**

For compliance documentation, visit the product page on TE.com>

<table>
<thead>
<tr>
<th>Compliance Requirement</th>
<th>Compliance Details</th>
</tr>
</thead>
<tbody>
<tr>
<td>EU RoHS Directive 2011/65/EU</td>
<td>Compliant</td>
</tr>
<tr>
<td>EU ELV Directive 2000/53/EC</td>
<td>Compliant</td>
</tr>
<tr>
<td>China RoHS 2 Directive MIIT Order No 32, 2016</td>
<td>No Restricted Materials Above Threshold</td>
</tr>
</tbody>
</table>

**Halogen Content**

Low Halogen - Br, Cl, F, I < 900 ppm per homogenous material. Also BFR/CFR/PVC Free

**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 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.

**Compatible Parts**

<table>
<thead>
<tr>
<th>Part Number</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>2-2270024-1</td>
<td>PIN CONN. KITS, PV4-S1M4.0/PV4-S1M6.0</td>
</tr>
<tr>
<td>2270025-1</td>
<td>SOCKET CONNECTOR KITS, PV4-S1F</td>
</tr>
</tbody>
</table>

**Also in the Series**

SOLARLOK PV4-S DC Connector

For support call +1 800 522 6752
PIN CONNECTOR KITS, PV4-S1M

TE Part #: 2270024-1
TE Internal #: 2270024-1

Solar Connectors & Adapters (32)

Solar Distribution Boxes (2)

Customers Also Bought

TE Part #7-1625999-5
HSC100 8R0 5%

TE Part #2270025-1
SOCKET CONNECTOR KITS, PV4-S1F

Documents

Product Drawings
PIN CONNECTOR KITS, PV4-S1M
English
PIN CONNECTOR KITS, PV4-S1M
English

CAD Files
3D PDF
3D

For support call +1 800 522 6752
PIN CONNECTOR KITS, PV4-S1M

Customer View Model
ENG_CVM_CVM_2270024-1_B.2d_dxf.zip
English

Customer View Model
ENG_CVM_CVM_2270024-1_B.3d_igs.zip
English

Customer View Model
ENG_CVM_CVM_2270024-1_B.3d_stp.zip
English

Datasheets & Catalog Pages
1-1773888-9 SolarCatalog
English

SOLARLOK PV4-S 1500V Flyer
English

Product Specifications
Application Specification
English

Agency Approvals
UL
English