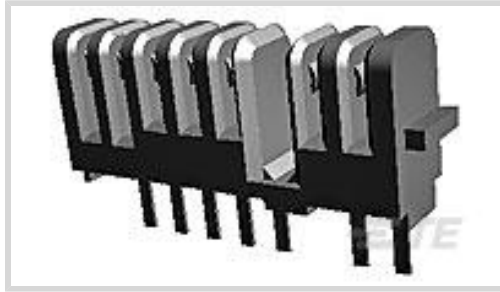




TE Internal #: 1827684-2
 DC Jack Connectors, Board-to-Board, 7 Position, 2mm [.079in]
 Centerline, Receptacle, 30VDC Operating Voltage, Right Angle,
 Printed Circuit Board

[View on TE.com >](#)

Connectors > PCB Connectors > Battery Connectors & Holders > DC Jack Connectors



Connector System: **Board-to-Board**

Number of Positions: 7

Centerline (Pitch): 2 mm [.079 in]

Connector & Housing Type: **Receptacle**

Operating Voltage: 30 VDC

Features

Product Type Features

| | |
|-----------------------------------|-----------------------|
| Connector System | Board-to-Board |
| Connector & Housing Type | Receptacle |
| Sealable | No |
| Connector & Contact Terminates To | Printed Circuit Board |

Configuration Features

| | |
|-----------------------|-------------|
| Number of Positions | 7 |
| PCB Mount Orientation | Right Angle |

Electrical Characteristics

| | |
|-------------------|--------|
| Operating Voltage | 30 VDC |
|-------------------|--------|

Contact Features

| | |
|------------------------------|-----|
| Contact Current Rating (Max) | 6 A |
|------------------------------|-----|

Mechanical Attachment

| | |
|-------------------------|-------------|
| PCB Mount Retention | Without |
| Connector Mounting Type | Board Mount |

Housing Features

| | |
|--------------------|----------------|
| Centerline (Pitch) | 2 mm [.079 in] |
|--------------------|----------------|

Usage Conditions

| | |
|-----------------------------|---------------------------|
| Operating Temperature Range | -20 – 80 °C [-4 – 176 °F] |
|-----------------------------|---------------------------|



Operation/Application

| | |
|---------------------|----------------|
| Circuit Application | Power & Signal |
|---------------------|----------------|

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: JAN 2021 (211) Candidate List Declared Against: JAN 2021 (211) 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 | Reflow solder capable to 245°C |

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



Customers Also Bought



Documents

Product Drawings

2mm pitch Battery Rec. Assy. 7Pos. H=4.0

English

CAD Files

3D PDF

3D

Customer View Model

[ENG_CVM_CVM_1827684-2_D.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_CVM_1827684-2_D.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_1827684-2_D.3d_stp.zip](#)

English

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

Datasheets & Catalog Pages



[2_PIECE_POWER_CONNECTORS_qrg_4-1773458-1](#)

English

Product Specifications

[Product Specification](#)

English

Product Environmental Compliance

[MD_1827684-2_102420161531_dmtec](#)

English

[MD_1827684-2_102420161531_dmtec](#)

English