

1827928-1 ✓ ACTIVE

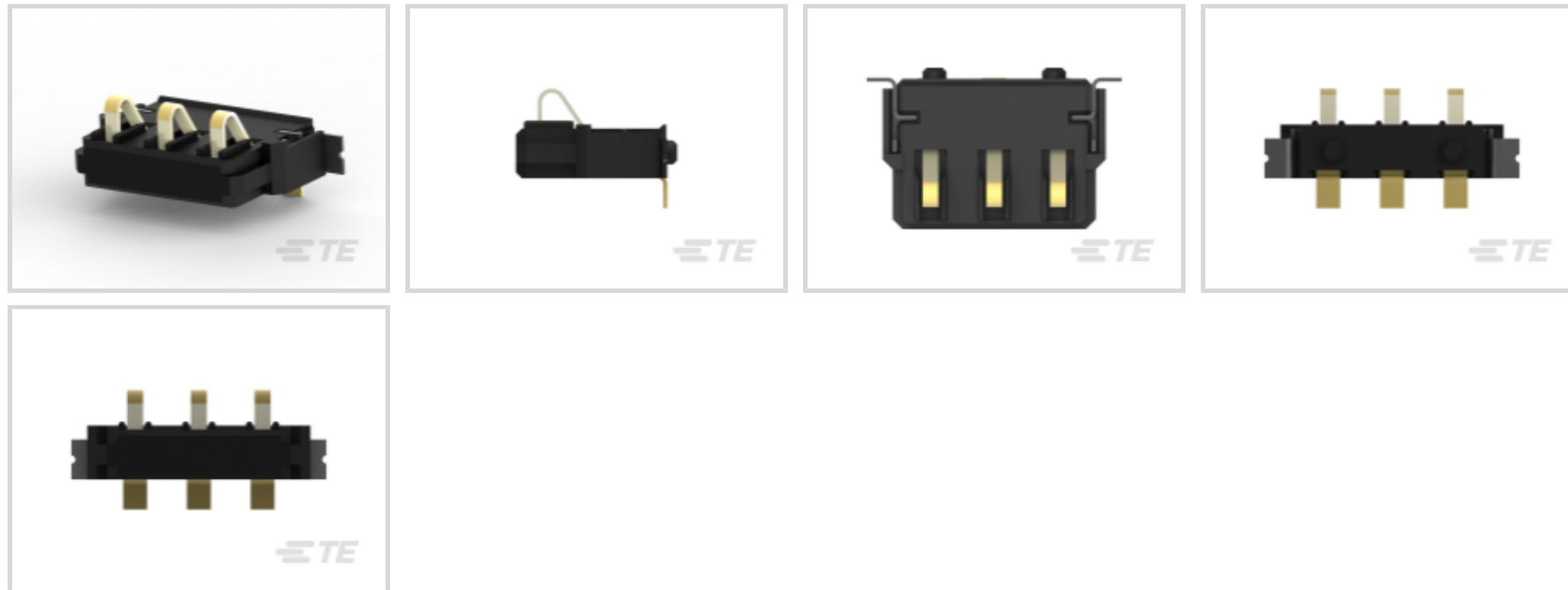


TE Internal #: 1827928-1

Board-to-Board, 3 Position, 3.2 mm [.126 in] Centerline, Plug, Vertical, Printed Circuit Board, Signal, Board Mount, DC Jack Connectors

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



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

Number of Positions: **3**

Centerline (Pitch): **3.2 mm [.126 in]**

Connector & Housing Type: **Plug**

PCB Mount Retention: **With**

## Features

### Product Type Features

|                                   |                       |
|-----------------------------------|-----------------------|
| Connector System                  | Board-to-Board        |
| Connector & Housing Type          | Plug                  |
| Connector & Contact Terminates To | Printed Circuit Board |

### Configuration Features

|                       |          |
|-----------------------|----------|
| Number of Positions   | 3        |
| PCB Mount Orientation | Vertical |

### Contact Features

|                              |     |
|------------------------------|-----|
| Contact Current Rating (Max) | 2 A |
|------------------------------|-----|

### Mechanical Attachment

|                          |               |
|--------------------------|---------------|
| PCB Mount Retention      | With          |
| PCB Mount Retention Type | Locating Post |
| Connector Mounting Type  | Board Mount   |

### Housing Features

|                    |                  |
|--------------------|------------------|
| Centerline (Pitch) | 3.2 mm [.126 in] |
|--------------------|------------------|



### Usage Conditions

|                             |                           |
|-----------------------------|---------------------------|
| Operating Temperature Range | -55 – 85 °C[-67 – 185 °F] |
|-----------------------------|---------------------------|

### Operation/Application

|                     |        |
|---------------------|--------|
| Circuit Application | 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: JUNE 2024 (241)<br>Candidate List Declared Against: JUNE 2024 (241)<br>Does not contain REACH SVHC |
| Halogen Content                               | Not Low Halogen - contains Br or Cl > 900 ppm.  |
| 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



TE Part # 1746142-1  
LEAF TYPE BATTERY CONN 3P



TE Part # 1981061-1  
LEAF BATTERY CONN W/B 3POS.  
P=3.2, PKG



TE Part # 1982633-1  
BATTERY CONN 3 POSITION



TE Part # 2134161-1  
ASSEMBLY FLOATING BATTERY  
CONN SMALL

## Customers Also Bought



## Documents

### Product Drawings

LEAF BATTERY CONN 3POS. P=3.2,

Japanese

### CAD Files

3D PDF

English

Customer View Model

[ENG\\_CVM\\_1827928-1\\_C.2d\\_dxf.zip](#)

English

Customer View Model

[ENG\\_CVM\\_1827928-1\\_C.3d\\_igs.zip](#)

English

Customer View Model

[ENG\\_CVM\\_1827928-1\\_C.3d\\_stp.zip](#)

English

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



[Datasheets & Catalog Pages](#)

[Products for Mobile Equipment](#)

English

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[Product Specifications](#)

[Leaf type Battery Connector 3Pos. pitch=3.2](#)

Japanese

[Product Specification](#)

Japanese