



TE Internal #: 1717620-1

Board-to-Board, 8 Position, 2.5 mm [.098 in] Centerline, Receptacle, 30 VDC, Right Angle, Printed Circuit Board, Power & Signal, DC Jack Connectors

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EU RoHS Compliance: **Compliant**

EU ELV Compliance: **Compliant**

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

Number of Positions: **8**

Centerline (Pitch): **2.5 mm [ .098 in ]**

Features

Other

|                    |           |
|--------------------|-----------|
| EU RoHS Compliance | Compliant |
| EU ELV Compliance  | Compliant |

Product Type Features

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

Configuration Features

|                       |             |
|-----------------------|-------------|
| Number of Positions   | 8           |
| PCB Mount Orientation | Right Angle |

Electrical Characteristics

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

Contact Features

|                              |     |
|------------------------------|-----|
| Contact Current Rating (Max) | 7 A |
|------------------------------|-----|

Mechanical Attachment



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

Housing Features

|                    |                 |
|--------------------|-----------------|
| Centerline (Pitch) | 2.5 mm[.098 in] |
|--------------------|-----------------|

Usage Conditions

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

Operation/Application

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

Packaging Features

|                    |      |
|--------------------|------|
| Packaging Method   | Tray |
| Packaging Quantity | 100  |

Product Compliance

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

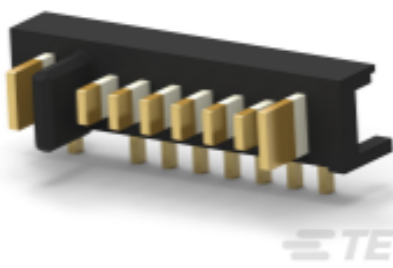
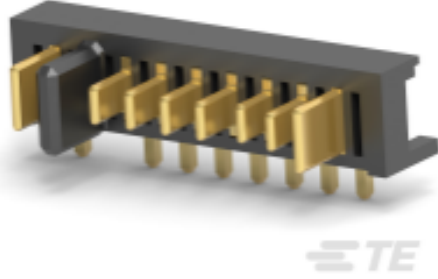
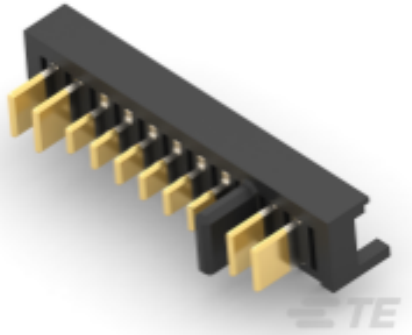
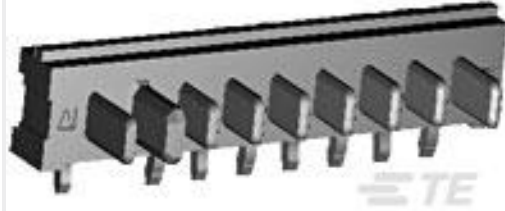
|                                               |                                                                                                                                 |
|-----------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------|
| 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

|                                                                                                                                                                |                                                                                                                                                              |                                                                                                                                                                |                                                                                                                                                                  |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|  <p>TE Part # 1717445-6<br/>PLUG ASSY 8POS.GRAY,2.5MM<br/>PITCH BATTERY</p>   |  <p>TE Part # 1717478-1<br/>REC. ASSEMBLY 8POS. 2.5MM PITCH<br/>BATTERY</p> |  <p>TE Part # 1717445-5<br/>PLUG ASSY 8POS.GRAY,2.5MM<br/>PITCH BATTERY</p> |  <p>TE Part # 1717478-2<br/>REC. ASSEMBLY 8POS. 2.5MM PITCH<br/>BATTERY</p>   |
|  <p>TE Part # 1746798-1<br/>2.5MM PITCH BATTERY REC. ASSY<br/>8POS. R/A</p>  |  <p>TE Part # 1746498-5<br/>2.5MM PITCH BATTERY<br/>CONNECTOR 8P</p>       |  <p>TE Part # 1932677-1<br/>2.5BATTERY PLUG ASSY 8POS.<br/>OFFSET TYPE</p> |  <p>TE Part # 1932677-2<br/>2.5BATTERY PLUG ASSY 8POS.<br/>OFFSET TYPE</p>   |
|  <p>TE Part # 2381809-1<br/>2.5MM PITCH BATTERY REC. ASSY<br/>8POS. R/A</p> |  <p>TE Part # 2-6447142-9<br/>BU CONN FS3 HEADER AKZ</p>                 |  <p>TE Part # 2199274-1<br/>JFS6HN-08RBAB=FS6 HDR 8P DK</p>               |  <p>TE Part # 2381809-2<br/>2.5MM PITCH BATTERY REC. ASSY<br/>8POS. R/A</p> |

Customers Also Bought

|                                                                                                                                                                |                                                                                                                                                                   |                                                                                                                                                                 |                                                                                                                                                                 |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------|
|  <p>PITCH BATTE</p>                                                         |  <p>TE Part #1827685-3<br/>2mm pitch Battery Rec. Assy. 7Pos.<br/>RVS.</p>     |  <p>TE Part #1827685-4<br/>2mm pitch Battery Rec. Assy. 7Pos.<br/>RVS.</p> |  <p>TE Part #1717478-1<br/>REC. ASSEMBLY 8POS. 2.5MM PITCH<br/>BATTERY</p> |
|  <p>TE Part #1747786-1<br/>PACKING,REC. ASSY. 8POS. 2MM<br/>PITCH BATTE</p> |  <p>TE Part #1-1827654-1<br/>2mm pitch Battery Plug Assy. 7Pos.<br/>H=4.0</p> |  <p>PITCH BATTERY</p>                                                      |  <p>TE Part #1717478-2<br/>REC. ASSEMBLY 8POS. 2.5MM PITCH<br/>BATTERY</p> |





Documents

Product Drawings

2.5MM PITCH BATTERY REC. ASSY 8POS. R/A

Japanese

CAD Files

Customer View Model

ENG\_CVM\_CVM\_1717620-1\_B.2d\_dxf.zip

English

3D PDF

3D

Customer View Model

ENG\_CVM\_CVM\_1717620-1\_B.3d\_igs.zip

English

Customer View Model

ENG\_CVM\_CVM\_1717620-1\_B.3d\_stp.zip

English

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

Datasheets & Catalog Pages

POWER\_CONNECTORS\_CATALOG\_SEC09\_LAPTOPS\_PORTABLES

English

2\_PIECE\_POWER\_CONNECTORS\_qrg\_4-1773458-1

English

Product Specifications

Product Specification

English