

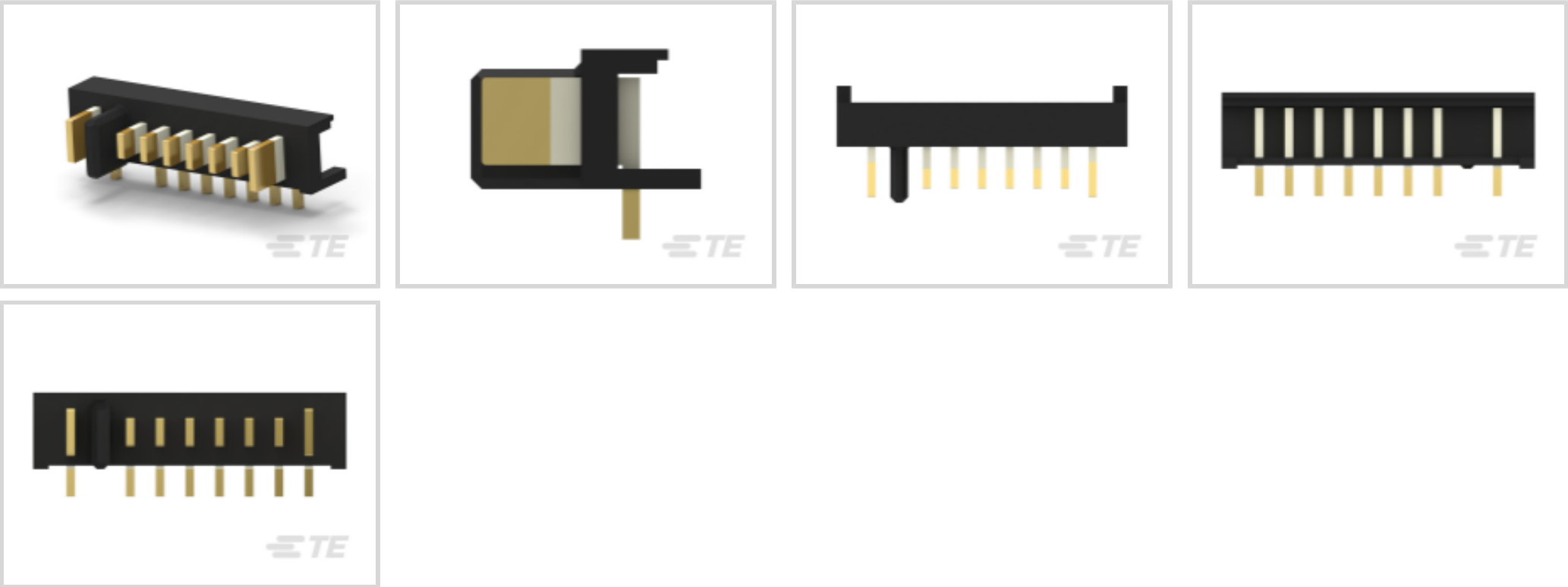


TE Internal #: 1717445-6

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

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



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

Number of Positions: **8**

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

Connector & Housing Type: **Plug**

Operating Voltage: **30 VDC**

Features

Packaging Features

|                  |            |
|------------------|------------|
| Packaging Method | Box & Tray |
|------------------|------------|

Product Type Features

|                                   |                       |
|-----------------------------------|-----------------------|
| Connector System                  | Board-to-Board        |
| Connector & Housing Type          | Plug                  |
| 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) | 6 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           |
| Other                       |                          |
| EU RoHS Compliance          | Compliant                |
| EU ELV Compliance           | Compliant                |

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 260°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 # 1932677-1  
2.5BATTERY PLUG ASSY 8POS.  
OFFSET TYPE



TE Part # 1746798-1  
2.5MM PITCH BATTERY REC. ASSY  
8POS. R/A



TE Part # 2381809-2  
2.5MM PITCH BATTERY REC. ASSY  
8POS. R/A



TE Part # 1717620-1  
2.5MM PITCH BATTERY REC. ASSY  
8POS. R/A



TE Part # 2381809-1  
2.5MM PITCH BATTERY REC. ASSY  
8POS. R/A



TE Part # 1932677-2  
2.5BATTERY PLUG ASSY 8POS.  
OFFSET TYPE



TE Part # 1717445-5  
PLUG ASSY 8POS.GRAY,2.5MM  
PITCH BATTERY



TE Part # 1717478-1  
REC. ASSEMBLY 8POS. 2.5MM PITCH  
BATTERY



TE Part # 1717478-2  
REC. ASSEMBLY 8POS. 2.5MM PITCH  
BATTERY

Customers Also Bought



TE Part #6-104074-0  
08 SYSTEM 50 HDR SRRA SHRD SN



TE Part #60322-2  
AMPLIVAR RG 20-16 8 TPBR



TE Part #84982-6  
1MM FFC SMT V ASSY 6P EMBOSS



TE Part #9236-BCE-T-600-002  
600PA DIFF. DIGITAL PRESSURE  
SENSOR



TE Part #6-104074-1  
12 SYSTEM 50 HDR SRRA SHRD SN



TE Part #81117-000  
LS509-51 Liquid Level Sensor



TE Part #5-104069-1  
20 sys 50 hdr drra shrd sn



TE Part #3-292207-8  
MINI CT SGL DIP V 18P BLACK



Documents

Product Drawings

PLUG ASSY 8POS.GRAY,2.5MM PITCH BATTERY

English

CAD Files

3D PDF

3D

Customer View Model

ENG\_CVM\_CVM\_1717445-6\_D\_c-1717445-6-d.2d\_dxf.zip

English

Customer View Model

ENG\_CVM\_CVM\_1717445-6\_D\_c-1717445-6-d.3d\_igs.zip

English

Customer View Model

ENG\_CVM\_CVM\_1717445-6\_D\_c-1717445-6-d.3d\_stp.zip

English

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

Product Specifications

Crimping of AMP EI Series Connector Contacts

Japanese

Application Specification

Japanese