



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



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

Number of Positions: **8**

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

Connector & Housing Type: **Receptacle**

Operating Voltage: **30 VDC**

Features

Industry Standards

|                        |          |
|------------------------|----------|
| UL Flammability Rating | UL 94V-0 |
|------------------------|----------|

Packaging Features

|                    |      |
|--------------------|------|
| Packaging Method   | Tray |
| Packaging Quantity | 70   |

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 | Vertical |

Electrical Characteristics

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

Contact Features



|                              |          |
|------------------------------|----------|
| Contact Current Rating (Max) | 6 A, 8 A |
|------------------------------|----------|

Mechanical Attachment

|                          |               |
|--------------------------|---------------|
| PCB Mount Retention      | With          |
| PCB Mount Retention Type | Locating Post |
| 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 |
|---------------------|----------------|

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 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 # 1747785-1  
PACKING,PLUG ASSY. 8POS. 2MM PITCH BATTE

TE Part # 1932460-1  
PLUG ASSY. 8POS. 2MM PITCH BATTERY CONNE

TE Part # 2201786-1  
2mm pitch Battery Rec. Tray Assy. 8Pos.

TE Part # 1747785-3  
PACKING,PLUG ASSY. 8POS. 2MM PITCH BATTE

Customers Also Bought

TE Part #6-6447143-6  
BU CONN FS3 SOCKET RSB (6P)

TE Part #1648384-1  
708-73-01109=SA CONTACT,SKT

TE Part #5650868-5  
ASSY,RECEPTACLE,EUROCARD,TYPE R/2,LEAD-F

TE Part #6651205-1  
CONN,SKT,POS30,MINI DRAWER

TE Part #284172-E  
STVC/2 48 F ABC VVV 7-00 0606 13,0 \* 247

TE Part #8-34111-1  
SOLIS R 22-16 COMM 22-18 MIL 8

TE Part #2-1617118-0  
J1MACD-26XM = M39016/23-030M

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

TE Part #6823354001  
CGPT-6/2-0-SP

TE Part #1-2355813-3  
3P, RAST5 POTTED HEADER DIN, SILVER, SL

Documents

Product Drawings  
PACKING,REC. ASSY. 8POS. 2MM PITCH BATTE  
Japanese



CAD Files

3D PDF

English

Customer View Model

ENG\_CVM\_1747786-1\_O.3d\_igs.zip

English

Customer View Model

ENG\_CVM\_1747786-1\_O.3d\_stp.zip

English

Customer View Model

ENG\_CVM\_1747786-1\_O.2d\_dxf.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

Japanese