

5787446-1 ✓ ACTIVE

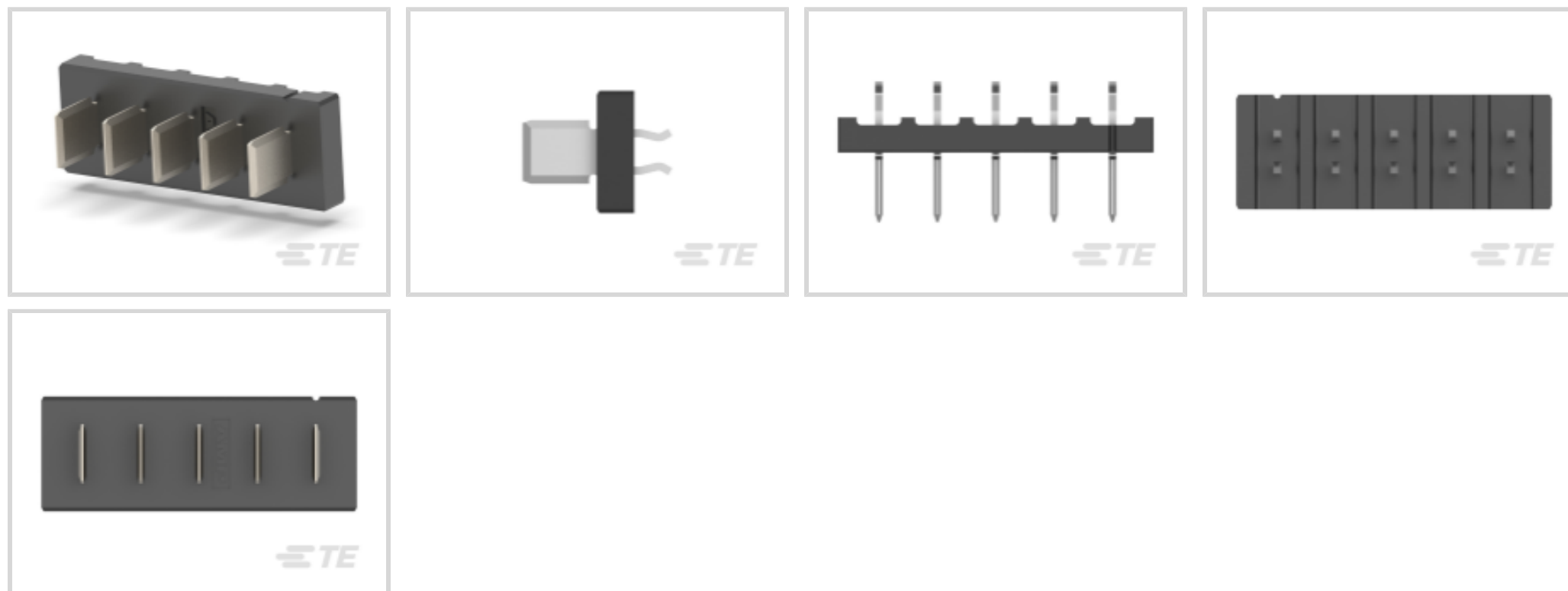


TE Internal #: 5787446-1

DC Jack Connectors, Board-to-Board, 5 Position, .197 in [5 mm]  
Centerline, Plug, 50 VDC, Vertical, Printed Circuit Board, Power &  
Signal, Board Mount

[View on TE.com >](#)

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



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

Number of Positions: **5**

Centerline (Pitch): **5 mm [ .197 in ]**

Connector & Housing Type: **Plug**

Operating Voltage: **50 VDC**

## 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	5
PCB Mount Orientation	Vertical

### Electrical Characteristics

Operating Voltage	50 VDC
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### Contact Features

Contact Underplating Material	Nickel
PCB Contact Termination Area Plating Material	Tin
Contact Current Rating (Max)	8.8 A

### Mechanical Attachment

PCB Mount Retention	Without
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Connector Mounting Type

Board Mount

### Housing Features

Centerline (Pitch)

5 mm [.197 in]

### Usage Conditions

Operating Temperature Range

-30 – 70 °C [-22 – 158 °F]

### Operation/Application

Circuit Application

Power &amp; Signal

### Packaging Features

Packaging Quantity

121

Packaging Method

Tray

## Product Compliance

For compliance documentation, visit the product page on [TE.com](https://www.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)  
 Candidate List Declared Against: JAN 2024 (240)  
 Does not contain REACH SVHC

Halogen Content

Not Low Halogen - contains Br or Cl &gt; 900 ppm.

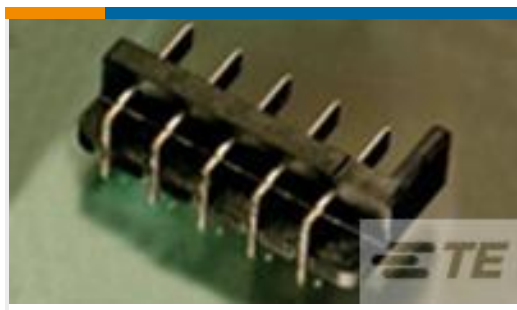
Solder Process Capability

Wave solder capable to 265°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 # 5787422-1  
HDR ASY,RA,RKEY,STR TAIL,12.0V



TE Part # 5787421-1  
HDR ASY,VERT,RET TAIL,10.8V



TE Part # 5787430-1  
HDR ASY,VERT,STR TAIL,12.0V



TE Part # 5146800-1  
BATT INT,KEYLESS,5P,7.2V



TE Part # 5787419-1  
HDR ASY,VERT,STR TAIL,10.8V



TE Part # 5787334-1  
HDR ASY,VERT,STR TAIL,7.2V



TE Part # 5787428-1  
HDR ASY,RA,LKEY,STR TAIL,12.0V

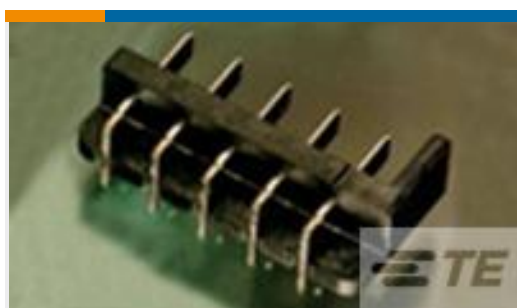


TE Part # 5787443-1  
HDR ASY,RA,NO KEY,RET TAIL



TE Part # 5787441-1  
HDR ASY,RA,NO KEY,STR TAIL

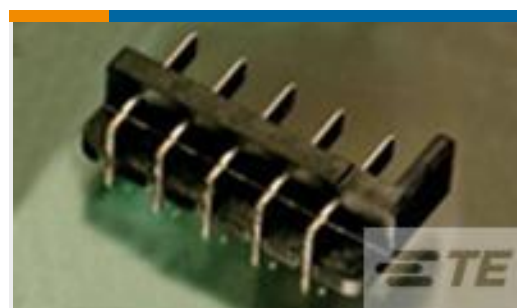
### Customers Also Bought



TE Part #5787422-1  
HDR ASY,RA,RKEY,STR TAIL,12.0V



TE Part #1-1734248-4  
1.0 FPC, ZIF V/T, SMT, 14P



TE Part #5787443-1  
HDR ASY,RA,NO KEY,RET TAIL



TE Part #8-2176093-4  
RP 2A 0.25W 76K8 0.1% 25PPM 1K RL



TE Part #1676238-2  
RN 0805 1K62 0.1% 10PPM 1KRL



TE Part #6-2176089-3  
RP 1J 0.166W 49K9 0.1% 25PPM 1K RL



TE Part #2176349-3  
CRGCO 2512 15R 1%



TE Part #4-2176329-2  
CRGP 1210 27K 1%



## Documents

### Product Drawings

[HDR ASY,VERT,NO KEY,RET TAIL](#)

English

### CAD Files

Customer View Model

[ENG\\_CVM\\_CVM\\_5787446-1\\_A.2d\\_dxf.zip](#)

English

[3D PDF](#)

3D

Customer View Model

[ENG\\_CVM\\_CVM\\_5787446-1\\_A.3d\\_igs.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_5787446-1\\_A.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

[Application Specification](#)

English