



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: **Receptacle**

Operating Voltage: **30 VDC**

Features

Industry Standards

UL Flammability Rating	UL 94V-0
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Packaging Features

Packaging Method	Tray
Packaging Quantity	100

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
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Contact Features



Contact Current Rating (Max)	7 A
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Mechanical Attachment

PCB Mount Retention	Without
Connector Mounting Type	Board Mount

Housing Features

Centerline (Pitch)	2.5 mm[.098 in]
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Usage Conditions

Operating Temperature Range	-20 – 80 °C[-4 – 176 °F]
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Operation/Application

Circuit Application	Power & Signal
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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) Candidate List Declared Against: JUNE 2024 (241) 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 # 6437118-6 BU CONN FS3 HEADER B</p>	 <p>TE Part # 6437118-8 BU CONN FS3 HEADER Q1 (10P)</p>	 <p>TE Part # 1717445-6 PLUG ASSY 8POS.GRAY,2.5MM PITCH BATTERY</p>	 <p>TE Part # 2381809-2 2.5MM PITCH BATTERY REC. ASSY 8POS. R/A</p>
 <p>TE Part # 6437803-1 BU CONN FS3 SOCKET RLB (8P)</p>	 <p>TE Part # 1717620-1 2.5MM PITCH BATTERY REC. ASSY 8POS. R/A</p>	 <p>TE Part # 2381809-1 2.5MM PITCH BATTERY REC. ASSY 8POS. R/A</p>	

Customers Also Bought

 <p>TE Part #6-6447143-6 BU CONN FS3 SOCKET RSB (6P)</p>	 <p>TE Part #796949-5 5 POS TERMI-BLOK PCB MOUNT</p>	 <p>TE Part #81117-000 LS509-51 Liquid Level Sensor</p>	 <p>TE Part #4-1415073-1 RT3S4LC4</p>
 <p>TE Part #284094-4 TERMI-BLOK PCB MOUNT 90, 5,08M</p>	 <p>TE Part #1546073-4 4 POS 5.08MM TERMI-BLOK</p>	 <p>TE Part #284094-2 TERMI-BLOK PCB MOUNT 90, 5,08M</p>	 <p>TE Part #3-2176331-8 CRGP 2512 12K 1%</p>



Documents

Product Drawings

REC. ASSEMBLY 8POS. 2.5MM PITCH BATTERY

English

CAD Files

Customer View Model

ENG_CVM_CVM_1717478-1_C.2d_dxf.zip

English

3D PDF

3D

Customer View Model

ENG_CVM_CVM_1717478-1_C.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_1717478-1_C.3d_stp.zip

English

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

Datasheets & Catalog Pages

POWER_CONNECTORS_CATALOG_SEC09_LAPTOPS_PORTABLES

English

2_PIECE_POWER_CONNECTORS_qrg_4-1773458-1

English

Product Specifications

Product Specification

English