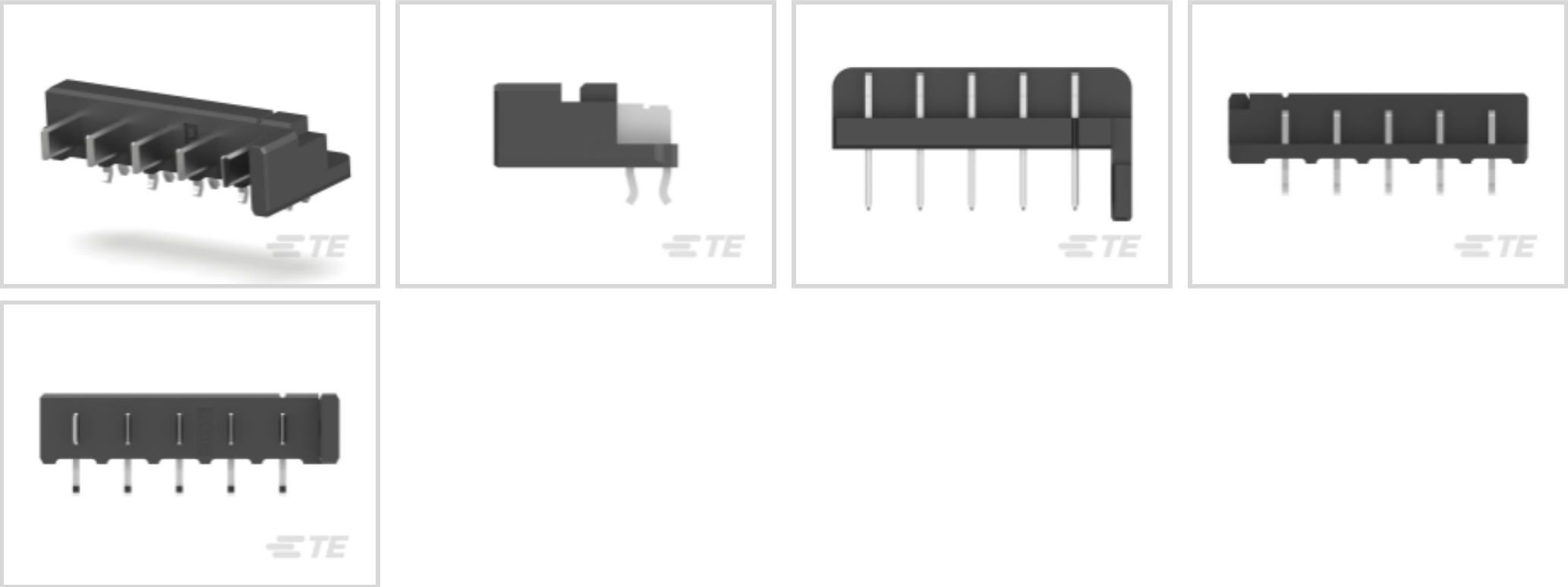




TE Internal #: 5787141-1  
DC Jack Connectors, Board-to-Board, 5 Position, 5mm [.197in]  
Centerline, Receptacle, 50VDC Operating Voltage, Right Angle,  
Printed Circuit Board  
[View on TE.com >](#)

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: **Receptacle**  
Operating Voltage: **50 VDC**

Features

Product Type Features

Connector System	Board-to-Board
Connector & Housing Type	Receptacle
Sealable	No
Connector & Contact Terminates To	Printed Circuit Board

Configuration Features

Number of Positions	5
PCB Mount Orientation	Right Angle

Electrical Characteristics

Operating Voltage	50 VDC
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Contact Features

Contact Mating Area Plating Material Thickness	2.54 μm[100 μin]
Contact Mating Area Plating Material	Gold
Contact Current Rating (Max)	8.8 A

Mechanical Attachment



PCB Mount Retention	Without
Connector Mounting Type	Board Mount

Housing Features

Centerline (Pitch)	5 mm[.197 in]
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Usage Conditions

Operating Temperature Range	-30 – 70 °C[-22 – 158 °F]
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Operation/Application

Circuit Application	Power & Signal
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Packaging Features

Packaging Quantity	110
Packaging Method	Tray

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: JAN 2021 (211) Not Yet Reviewed
Halogen Content	Low Halogen - Br, Cl, F, I < 900 ppm per homogenous material. Also BFR/CFR/PVC Free
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 # 5787430-1  
HDR ASY,VERT,STR TAIL,12.0V

TE Part # 5787590-1  
BATT INT,INSERT ASSY,5P,7.2V

Customers Also Bought

TE Part #1393788-3  
AXICOM P2 STANDARD

TE Part #3-647168-4  
Nylon Vertical PCB Header: 2.54mm, Surface Mount, MTA 100

TE Part #2-1393225-1  
RY611024

TE Part #2-2176329-1  
CRGP 1210 470R 1%

TE Part #2331372-1  
DET SW4.7X3.8X2.3 GW VERT. NO AG RL

TE Part #1879351-5  
RR01 5% 4K3 AMMO

TE Part #1879351-9  
RR01 5% 6K2 AMMO

TE Part #3-1879351-7  
RR01 5% 91K AMMO

TE Part #A47982-000  
WP WHITE POLYESTER LABELS

TE Part #4-1825059-0  
ADF08SATTR04=DIP,FLUSH,SMT-JL

Documents

Product Drawings

HDR ASY,RA,RKEY,RET TAIL,7.2V

English

CAD Files

3D PDF

3D

Customer View Model

ENG\_CVM\_CVM\_5787141-1\_A.2d\_dxf.zip



English

Customer View Model

[ENG\\_CVM\\_CVM\\_5787141-1\\_A.3d\\_igs.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_5787141-1\\_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

[Application Specification](#)

English