



TE Internal #: 5787590-1

Board-to-Board, 5 Position, 5 mm [.197 in] Centerline, Receptacle, 50 VDC, Vertical, 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: **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
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 Current Rating (Max)	8.8 A
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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 Method	Tray
Packaging Quantity	110

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	有害物质含量符合标准要求 No Restricted Substance(s) Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUNE 2025 (250) Candidate List Declared Against: JUNE 2025 (250) Does not contain REACH SVHC
Halogen Content	Not Low Halogen - contains Br or Cl > 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 # 5787141-1
HDR ASY,RA,RKEY,RET TAIL,7.2V

TE Part # 5787142-1
HDR ASY,RA,RKEY,STR TAIL,7.2V

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

TE Part # 146845-1
BATT INT,KEYLESS,5P,7.2V

Customers Also Bought

TE Part #CJ8290-000
S200-1-W2-22-9

TE Part #800245-SF
FN382-6-21

TE Part #803785-SF
FN9222SB-15-06

TE Part #806110-SF
FN3256H-25-33

TE Part #146845-1
BATT INT,KEYLESS,5P,7.2V

TE Part #177619-1
AMPLIMITE SCREW LOCK

TE Part #2330274-3
SSRDC-200D40 = Hokey Puck,40A, 200V DC

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

TE Part #166066-E
IDCCS SMC 1,27 26 * AU AUI 50 PVC

TE Part #063210-E
SMCQ 50 M AB VV 3-03 CLHD * H007 137 E00

Documents

Product Drawings

BATT INT,INSERT ASSY,5P,7.2V

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_5787590-1_A.2d_dxf.zip



English

Customer View Model

[ENG_CVM_CVM_5787590-1_A.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_5787590-1_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

Product Specifications

[Application Specification](#)

English