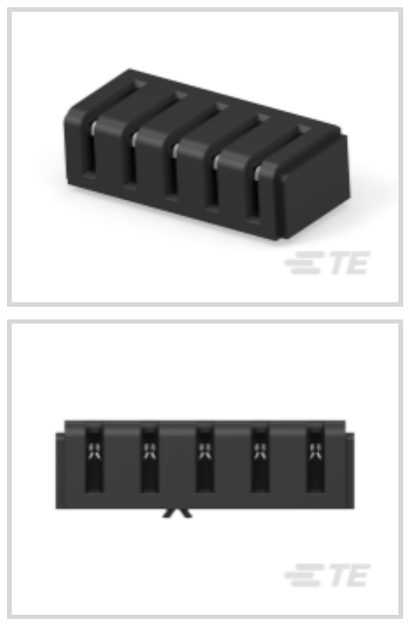
146845-1 ✔ ACTIVE

TE Internal #: 146845-1

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

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
Connector & Contact Terminates To	Printed Circuit Board

Configuration Features

Number of Positions	5
PCB Mount Orientation	Vertical

Electrical Characteristics

Operating Voltage	50 VDC

Contact Features

PCB Contact Termination Area Plating Material	Tin-Lead
Contact Underplating Material	Nickel
Contact Mating Area Plating Material	Nickel (Ni)
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]

Usage Conditions

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

Operation/Application

Circuit Application	Power & Signal

Packaging Features

Packaging Method	Box
Packaging Quantity	121

Product Compliance

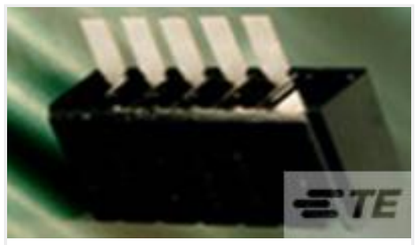
For compliance documentation, visit the product page on TE.com>

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 240°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 # 5146800-1
BATT INT,KEYLESS,5P,7.2V



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



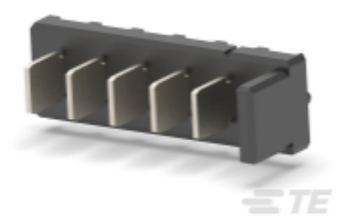
TE Part # 5787334-1
HDR ASY,VERT,STR TAIL,7.2V



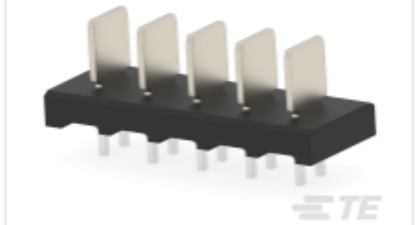
TE Part # 5787366-1
HDR ASY,RA,RKEY,STR TAIL,12.0V



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



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



TE Part # 5787444-1
HDR ASY,VERT,NO KEY,STR TAIL



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



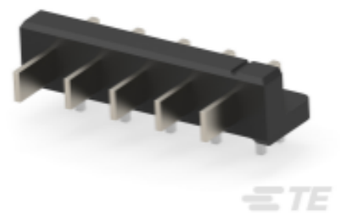
TE Part # 787328-1
BATT INT,INSERT ASSY,5P,7.2V



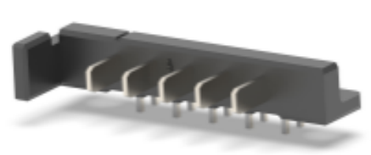
TE Part # 787614-1
BAT INT,INS ASY W/TAB,5P,10.8V



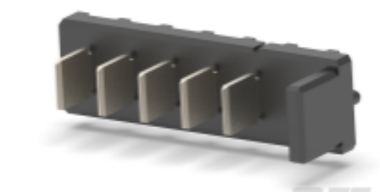
TE Part # 787439-1
BATT INT,INSERT ASSY,5P,12.0V



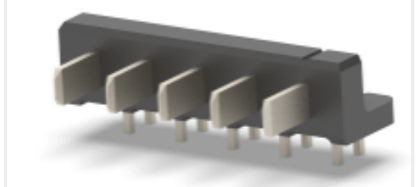
TE Part # 5796078-1
HDR ASSY,RA,KEYLESS,5POS



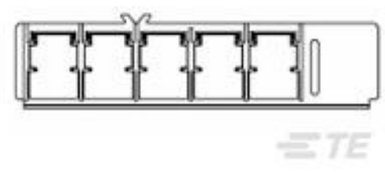
TE Part # 5787246-1
HDR ASY,RA,LKEY,STR TAIL,10.8V



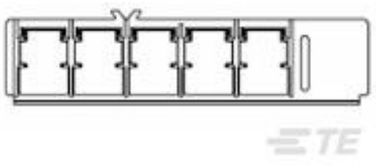
TE Part # 5787421-1
HDR ASY,VERT,RET TAIL,10.8V



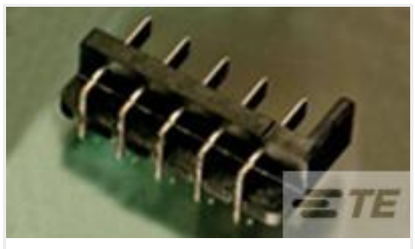
TE Part # 5787441-1
HDR ASY,RA,NO KEY,STR TAIL



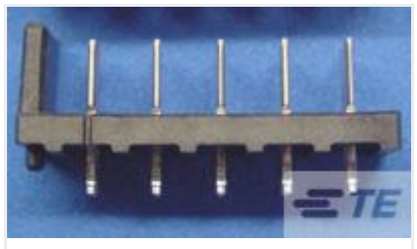
TE Part # 5787802-1
BATT RCPT ASSY,5P,10.8V



TE Part # 5787590-2
BATT INT,INSERT ASSY,5P,7.2V



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

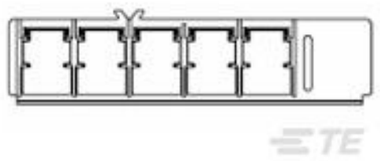


TE Part # 5787419-1
HDR ASY,VERT,STR TAIL,10.8V



TE Part # 787615-1
BAT INT,INS ASY W/TAB,5P,12.0V

Customers Also Bought



TE Part #787439-1
BATT INT,INSERT ASSY,5P,12.0V



TE Part #4-1879214-4
CPF 0402 931R 0.1% 25PPM 1K RL



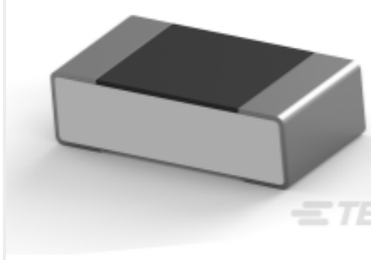
TE Part #4-1879215-0
CPF 0402 10K7 0.1% 25PPM 1K RL



TE Part #7-1879215-5
CPF 0402 27K4 0.1% 25PPM 1K RL



TE Part #1-1879378-1
TLR 2512 2.0W R002 1% 50PPM 2K RL



TE Part #2-2176370-3
RQ 0603 732R 0.1% 10PPM 5K RL



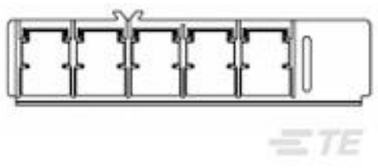
TE Part #1-5050871-9
SOCKET,MIN-SPR W/H SN-AU SER-5



TE Part #1-5499913-0
A/L UNIV HDR 50P RA SHT LAT



TE Part #5787446-1
HDR ASY,VERT,NO KEY,RET TAIL



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

Documents

CAD Files

Customer View Model

ENG_CVM_146845-1_B.3d_igs.zip

English

Customer View Model

ENG_CVM_146845-1_B.3d_stp.zip

English

Customer View Model

ENG_CVM_146845-1_B.2d_dxf.zip

English

3D PDF

English

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Datasheets & Catalog Pages

POWER_CONNECTORS_CATALOG_SEC09_LAPTOPS_PORTABLES

English

Product Specifications

Application Specification

English