TE Internal #: 1747786-1

Board-to-Board, 8 Position, 2 mm [.079 in] Centerline, Receptacle, 30 VDC, Vertical, Printed Circuit Board, Power & Signal, DC Jack

Connectors

View on TE.com >

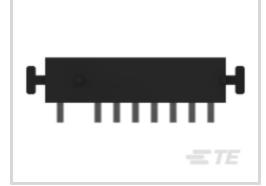


Connectors > PCB Connectors > Battery Connectors & Holders > DC Jack Connectors











Connector System: Board-to-Board

Number of Positions: 8

Centerline (Pitch): 2 mm [.079 in]

Connector & Housing Type: Receptacle

Operating Voltage: 30 VDC

Features

Industry Standards

UL Flammability Rating	UL 94V-0
Packaging Features	
Packaging Method	Tray
Packaging Quantity	70
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

30 VDC

Electrical Characteristics

Operating Voltage



Contact Current Rating (Max)	6 A, 8 A
Mechanical Attachment	
PCB Mount Retention	With
PCB Mount Retention Type	Locating Post
Connector Mounting Type	Board Mount
Housing Features	
Centerline (Pitch)	2 mm[.079 in]
Usage Conditions	
Operating Temperature Range	-20 – 80 °C[-4 – 176 °F]
Operation/Application	
Circuit Application	Power & Signal
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-onreach

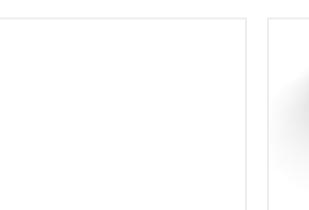
Compatible Parts



TE Part # 1747785-1 PACKING, PLUG ASSY. 8POS. 2MM PITCH BATTE



TE Part # 1932460-1 PLUG ASSY. 8POS. 2MM PITCH **BATTERY CONNE**

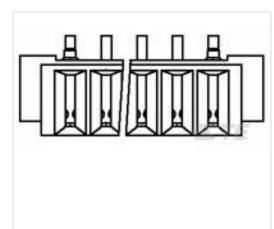


TE Part # 2201786-1 2mm pitch Battery Rec. Tray Assy. 8Pos.



TE Part # 1747785-3 PACKING, PLUG ASSY. 8POS. 2MM PITCH BATTE

Customers Also Bought



TE Part #6-6447143-6 BU CONN FS3 SOCKET RSB (6P)



TE Part #1648384-1 708-73-01109=SA CONTACT,SKT



TE Part #5650868-5 ASSY,RECEPTACLE,EUROCARD,TYPE R/2,LEAD-F



TE Part #6651205-1 CONN,SKT,POS30,MINI DRAWER



TE Part #284172-E STVC/2 48 F ABC VVV 7-00 0606 13,0 *



TE Part #8-34111-1 SOLIS R 22-16 COMM 22-18 MIL 8









TE Part #1-2355813-3 3P, RAST5 POTTED HEADER DIN, SILVER, SL

Documents

Product Drawings

PACKING, REC. ASSY. 8POS. 2MM PITCH BATTE

Japanese



CAD Files

3D PDF

English

Customer View Model

ENG_CVM_1747786-1_O.3d_igs.zip

English

Customer View Model

ENG_CVM_1747786-1_O.3d_stp.zip

English

Customer View Model

ENG_CVM_1747786-1_O.2d_dxf.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

Japanese