

1747785-1 ✓ ACTIVE

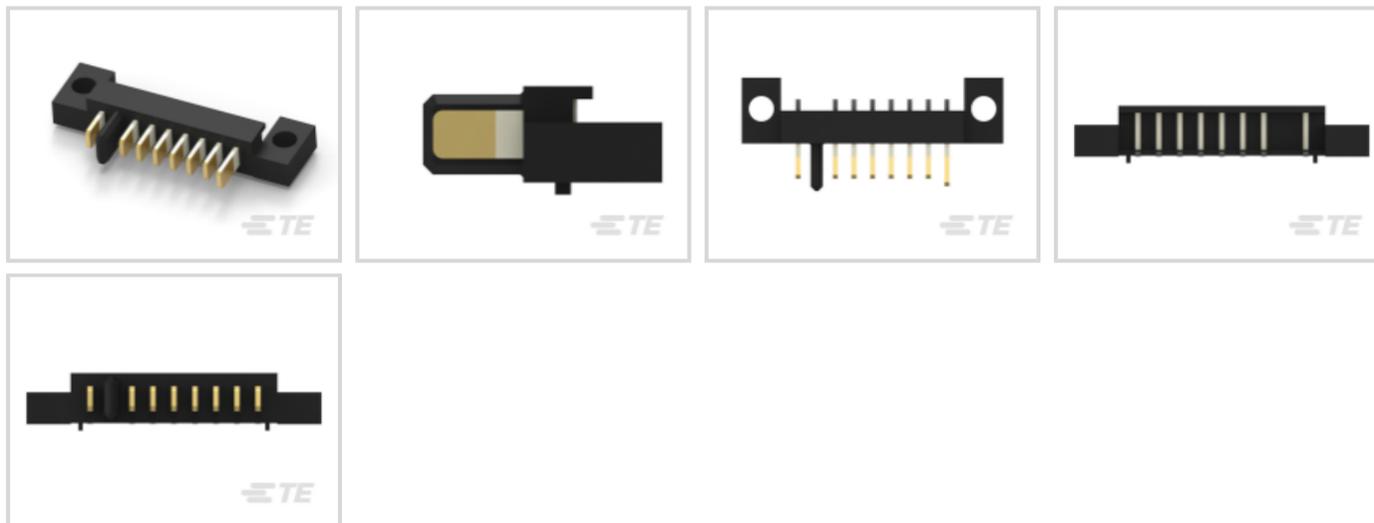


TE Internal #: 1747785-1

DC Jack Connectors, Board-to-Board, 8 Position, 2 mm [.079 in]
Centerline, Plug, 30 VDC, Right Angle, Printed Circuit Board, Power
& Signal

[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: **Plug**

Operating Voltage: **30 VDC**

Features

Product Type Features

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

Configuration Features

Number of Positions	8
PCB Mount Orientation	Right Angle

Electrical Characteristics

Operating Voltage	30 VDC
-------------------	--------

Contact Features

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
---------------------	----------------

Industry Standards

UL Flammability Rating	UL 94V-0
------------------------	----------

Packaging Features

Packaging Quantity	60
--------------------	----

Packaging Method	Tray
------------------	------

Other

Comment	Reverse housing.
---------	------------------

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 2022 (224) Candidate List Declared Against: JUNE 2022 (224) 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



TE Part # 1747786-1
PACKING,REC. ASSY. 8POS. 2MM
PITCH BATTE



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



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



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

Documents

Product Drawings

[PACKING,PLUG ASSY. 8POS. 2MM PITCH BATTE](#)

English

CAD Files

Customer View Model

[ENG_CVM_CVM_1747785-1_B.2d_dxf.zip](#)

English

3D PDF

3D

Customer View Model

[ENG_CVM_CVM_1747785-1_B.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_1747785-1_B.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

[Product Specification](#)

Japanese

1747785-1

DC Jack Connectors, Board-to-Board, 8 Position, 2 mm [.079 in] Centerline, Plug, 30 VDC, Right Angle, Printed Circuit Board, Power & Signal



Product Environmental Compliance

TE Material Declaration

English