

1-1827684-2 ✓ ACTIVE

TE Internal #: 1-1827684-2

DC Jack Connectors, Board-to-Board, 7 Position, .079 in [2 mm]

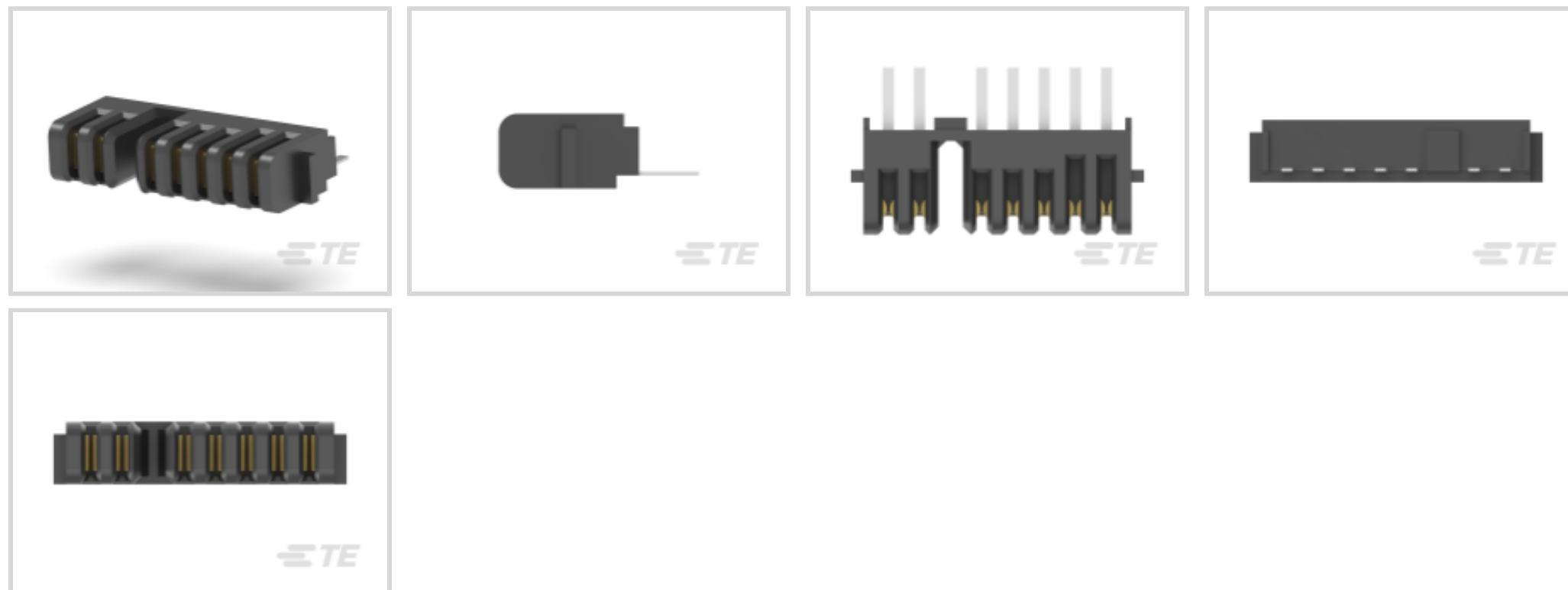
Centerline, Receptacle, 30 VDC, Right Angle, Printed Circuit Board,

Power & Signal

[View on TE.com >](#)



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



Connector System: **Board-to-Board**

Number of Positions: **7**

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

Connector & Housing Type: **Receptacle**

Operating Voltage: **30 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	7
PCB Mount Orientation	Right Angle

Electrical Characteristics

Operating Voltage	30 VDC
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Contact Features

Contact Current Rating (Max)	6 A
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Mechanical Attachment

PCB Mount Retention	Without
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

Packaging Features

Packaging Method

Box & Tray

Product ComplianceFor 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 2024 (240)

Candidate List Declared Against: JAN 2024 (240)

Does not contain REACH SVHC

Halogen Content

Low Halogen - Br, Cl, F, I < 900 ppm per homogenous material. Also BFR/CFR/PVC Free

Solder Process Capability

Not applicable for solder process capability

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 # 1827654-1
2mm pitch Battery Plug Assy. 7Pos.
H=4.0

Customers Also Bought



TE Part # T4033014041-000
M8.FMLE.PNLFRONT.4POS.STR



TE Part # 3-1879216-0
CPF0402 120K 0.1% 25PPM 1K RL



TE Part # 1827654-1
2mm pitch Battery Plug Assy. 7Pos.
H=4.0



TE Part # 1827685-3
2mm pitch Battery Rec. Assy. 7Pos.
RVS.



TE Part # 1827684-1
2mm pitch Battery Rec. Assy. 7Pos.
H=4.0



TE Part # 4-794618-8
18P MICRO MNL ASSY R/A HDR LF



TE Part # 1-87499-4
08 MODIV HSG COMP SR .100CL



TE Part # RXM-418-LR
Module LR 418MHz AM OOK RX RCVR



TE Part # E940393001
CLFH-178CK0135

Documents

Product Drawings

[2mm pitch Battery Rec. Assy. 7Pos. H=4.0](#)

English

CAD Files

[Customer View Model](#)

[ENG_CVM_CVM_1-1827684-2_C.2d_dxf.zip](#)

English

3D PDF

3D

Customer View Model

[ENG_CVM_CVM_1-1827684-2_C.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_1-1827684-2_C.3d_stp.zip](#)

English

By downloading the CAD file I accept and agree to the [Terms and Conditions](#) of use.

Product Specifications

[Crimping of AMP 2.0mm Pitch, CT Crimp Typell Rec Contact](#)

English

Application Specification

English