

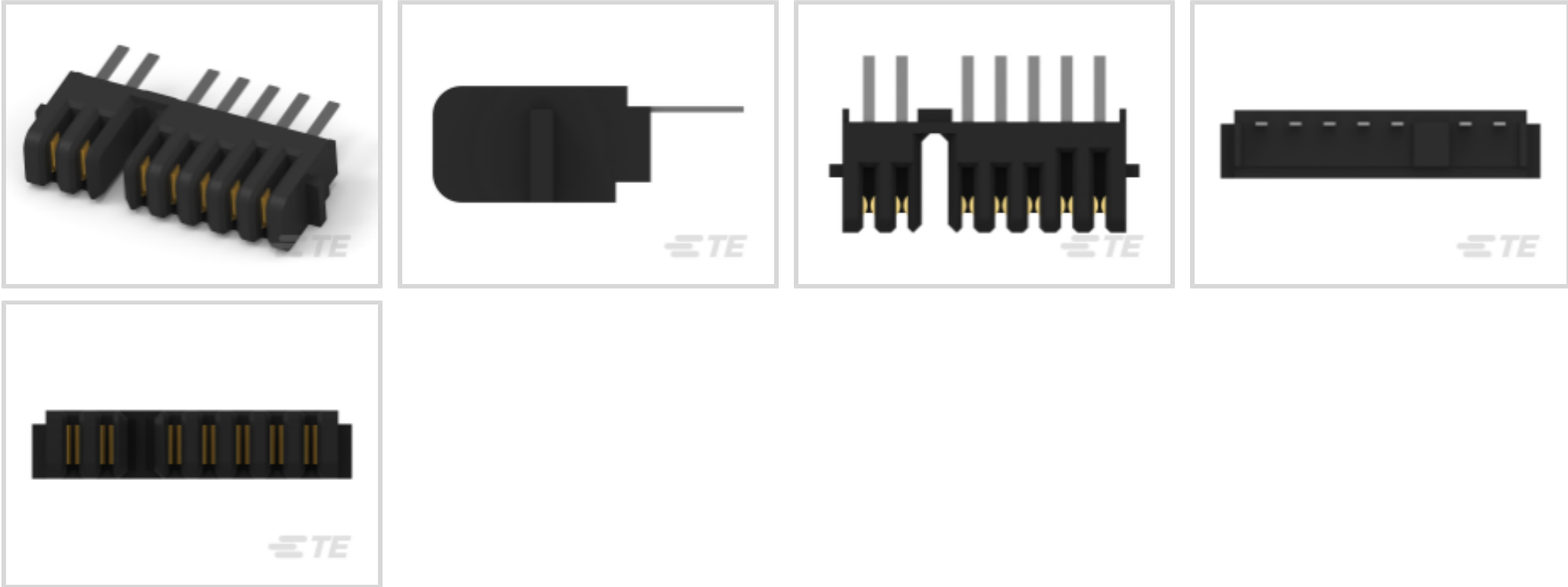


TE Internal #: 1827685-4

Board-to-Board, 7 Position, 2 mm [.079 in] Centerline, Receptacle, 30 VDC, Right Angle, Printed Circuit Board, Power & Signal, DC Jack Connectors

[View on TE.com >](#)

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



EU RoHS Compliance: **Compliant**

EU ELV Compliance: **Compliant**

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

Number of Positions: **7**

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

Features

Other

EU RoHS Compliance	Compliant
EU ELV Compliance	Compliant

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]
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Usage Conditions

Operating Temperature Range	-20 – 80 °C[-4 – 176 °F]
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Operation/Application

Circuit Application	Power & Signal
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Product Compliance

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

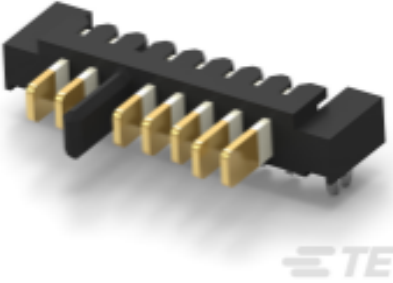
EU RoHS Directive 2011/65/EU	Compliant
EU ELV Directive 2000/53/EC	Compliant
China RoHS 2 Directive MIIT Order No 32, 2016	No Restricted Materials Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUNE 2024 (241) Candidate List Declared Against: JUNE 2024 (241) Does not contain REACH SVHC
Halogen Content	Low Halogen - Br, Cl, F, I < 900 ppm per homogenous material. Also BFR/CFR/PVC Free
Solder Process Capability	Wave solder capable to 265°C

Product Compliance Disclaimer

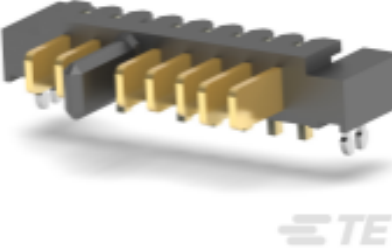
This information is provided based on reasonable inquiry of our suppliers and represents our current actual knowledge based on the information they provided. This information is subject to change. The part numbers that TE has identified as EU RoHS compliant have a maximum concentration of 0.1% by weight 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

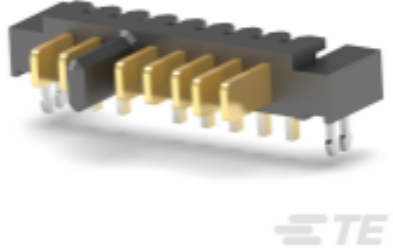




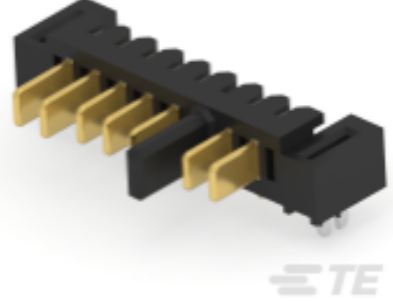
TE Part # 1827654-1
2mm pitch Battery Plug Assy. 7Pos.
H=4.0



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

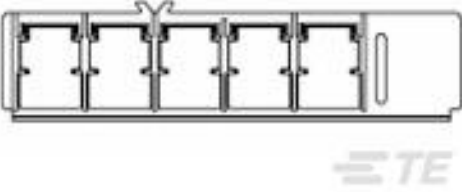


TE Part # 1827654-2
2mm pitch Battery Plug Assy. 7P. H=4.0



TE Part # 1932154-1
2mm pitch Battery Plug Assy.7Pos
Reverse

Customers Also Bought



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



PITCH BATTE



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



TE Part #1717478-1
REC. ASSEMBLY 8POS. 2.5MM PITCH
BATTERY



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



TE Part #1827684-3
2mm pitch Battery Rec. Assy. 7Pos.
H=4.0



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



TE Part #1932870-2
FBIS-II PLUG ASSY 6 POS, 1.27um
Gold



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

Documents

- Product Drawings

2mm pitch Battery Rec. Assy. 7Pos. RVS.

English
- CAD Files

3D PDF

3D
- Customer View Model

ENG_CVM_CVM_1827685-4_C.2d_dxf.zip



English

Customer View Model

[ENG_CVM_CVM_1827685-4_C.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_1827685-4_C.3d_stp.zip](#)

English

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

Datasheets & Catalog Pages

[2_PIECE_POWER_CONNECTORS_qrg_4-1773458-1](#)

English

Product Specifications

[Product Specification](#)

English