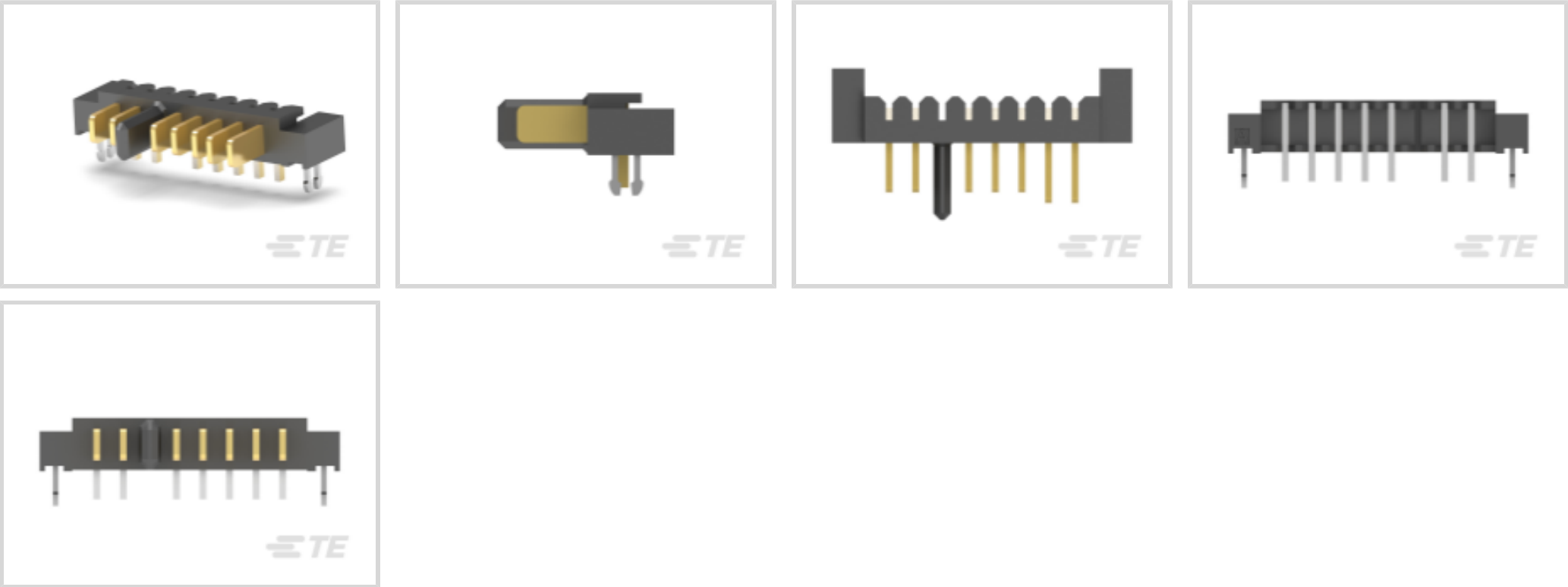




TE Internal #: 1827654-2  
DC Jack Connectors, Board-to-Board, 7 Position, 2mm [.079in]  
Centerline, Plug, 30VDC Operating Voltage, Right Angle PCB  
Mount Orientation  
[View on TE.com >](#)

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: **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	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	With
PCB Mount Retention Type	Boardlock



Connector Mounting Type	Board Mount
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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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Packaging Features

Packaging Quantity	80
Packaging Method	Tray

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: JAN 2020 (205) Candidate List Declared Against: JAN 2020 (205) Does not contain REACH SVHC
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JAN 2020 (205) Candidate List Declared Against: JAN 2020 (205)
Halogen Content	Not Low Halogen - contains Br or Cl > 900 ppm.
Solder Process Capability	Wave solder capable to 265°C

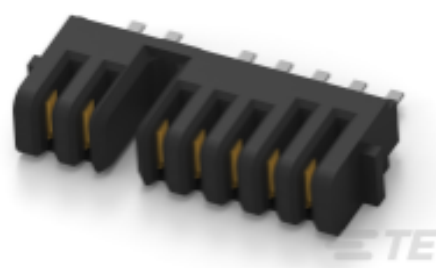
Product Compliance Disclaimer

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 Regulations, TE’s information on SVHC in articles for this part number is still based on the European Chemical Agency (ECHA) ‘Guidance on requirements for substances in articles’(Version: 2, April 2011), applying the 0.1% weight on weight concentration threshold at the finished




product level. TE is aware of the European Court of Justice ruling of September 10th, 2015 also known as O5A (Once An Article Always An Article) stating that, in case of ‘complex object’, the threshold for a SVHC must be applied to both the product as a whole and simultaneously to each of the articles forming part of its composition. TE has evaluated this ruling based on the new ECHA “Guidance on requirements for substances in articles” (June 2017, version 4.0) and will be updating its statements accordingly.


Compatible Parts




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



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




TE Model / Part # 1827685-4  
2mm pitch Battery Rec. Assy. 7Pos.  
RVS.




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


Customers Also Bought




TE Model / Part #6469085-1  
HMZD 3PAIR, HDR ASSY, 25MM MOD



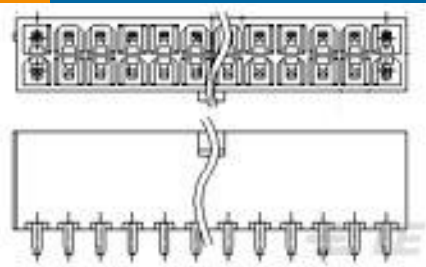
TE Model / Part #1-1827654-1  
2mm pitch Battery Plug Assy. 7Pos.  
H=4.0




TE Model / Part #2007492-8  
SFP+assy2x1 Spring Fingers No Lp Sn




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



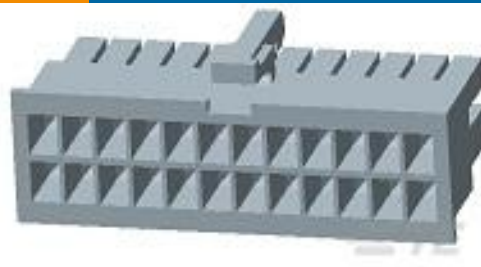
TE Model / Part #4-1775099-8  
ATX PWR CONN 24 POS




TE Model / Part #1614349-1  
RN 0603 10K 0.1% 10PPM 5K RL



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



TE Model / Part #2-1969597-0  
20P RCPT VAL-U-LOK V2



TE Model / Part #7-1462039-5  
IM47DJR=IM RELAY 200MW 24V bis

Documents

Product Drawings  
2mm pitch Battery Plug Assy. 7P. H=4.0



English

CAD Files

Customer View Model

ENG\_CVM\_CVM\_1827654-2\_B2.2d\_dxf.zip

English

3D PDF

3D

Customer View Model

ENG\_CVM\_CVM\_1827654-2\_B2.3d\_igs.zip

English

Customer View Model

ENG\_CVM\_CVM\_1827654-2\_B2.3d\_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

Product Environmental Compliance

TE Material Declaration

English