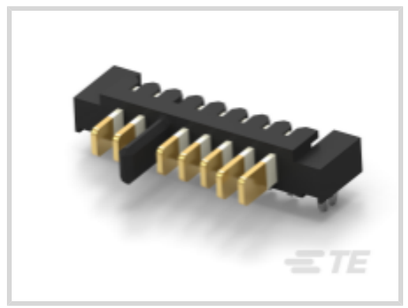
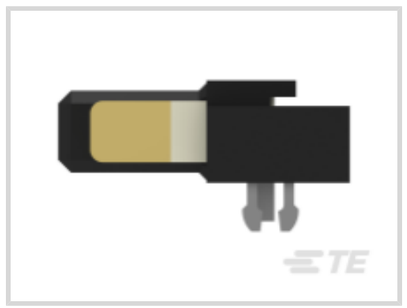
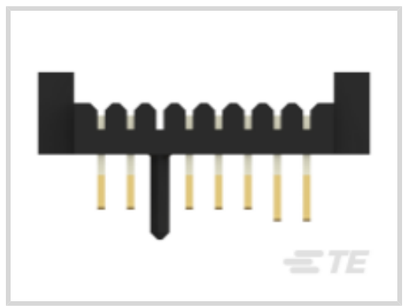
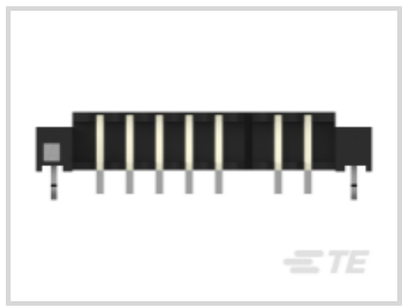
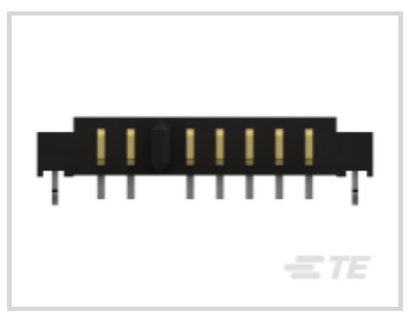
1827654-1 ✔ ACTIVE

TE Internal #: 1827654-1

Board-to-Board, 7 Position, 2 mm [.079 in] Centerline, Plug, 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

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
Connector & Contact Terminates To	Printed Circuit Board

Configuration Features

Number of Positions	7
PCB Mount Orientation	Right Angle

Electrical Characteristics

Operating Voltage	30 VDC

Contact Features

Contact Current Rating (Max)	6 A

Mechanical Attachment

PCB Mount Retention	With
PCB Mount Retention Type	Boardlock
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	Tray
Packaging Quantity	80

Product Compliance

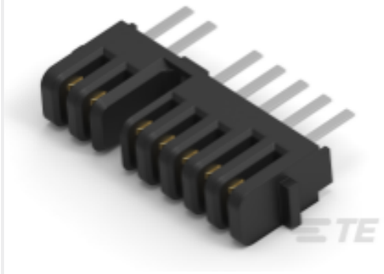
For compliance documentation, visit the product page on TE.com>

EU RoHS Directive 2011/65/EU	Compliant
EU ELV Directive 2000/53/EC	Compliant
China RoHS 2 Directive MIIT Order No 32, 2016	有害物质含量符合标准要求 No Restricted Substance(s) Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUNE 2025 (250) Candidate List Declared Against: JUNE 2025 (250) Does not contain REACH SVHC
Halogen Content	Not Low Halogen - contains Br or Cl > 900 ppm.
Solder Process Capability	Wave solder capable to 265°C

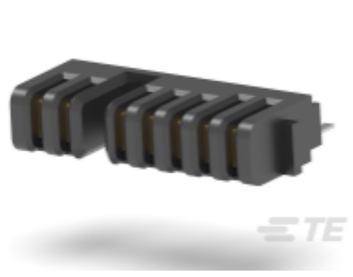
Product Compliance Disclaimer

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 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



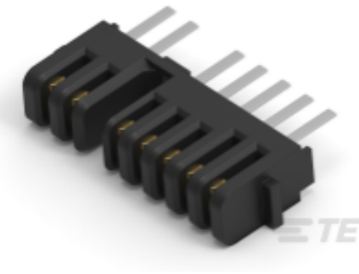
TE Part # 1-1939230-2
2mm PITCH BATTERY REC. (HALOGEN FREE)



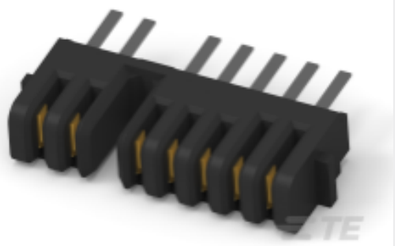
TE Part # 1827684-2
2mm pitch Battery Rec. Assy. 7Pos. H=4.0



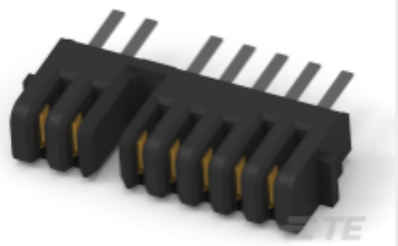
TE Part # 2229293-1
2mm pitch Battery Rec. Assy. 7Pos. H=4.0



TE Part # 1939230-1
2mm PITCH BATTERY REC. ASSY. 7P. RVS.



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



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



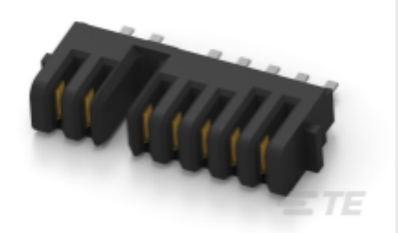
TE Part # 1-1827684-2
2mm pitch Battery Rec. Assy. 7Pos. H=4.0



TE Part # 1-1827684-3
2mm pitch Battery Rec. Assy. 7Pos. H=4.0



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

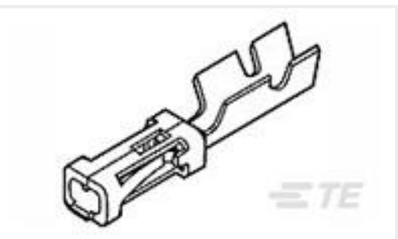


TE Part # 1827684-1
2mm pitch Battery Rec. Assy. 7Pos. H=4.0

Customers Also Bought



TE Part #146845-1
BATT INT,KEYLESS,5P,7.2V



TE Part #167024-1
MOD-4 REC.CONT.SCP.



TE Part #2-1393104-7
KRPA-11AG-240=KRPA



TE Part #6-1393104-5
KRPA-14AG-120=KRPA



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



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



TE Part #2118309-1
Dual Band WiFi, 2.4 & 5GHz, PCB, Chassis



TE Part #3-5177986-1
0.8FH,P08H.5,040,08/Sn,TR,SC



TE Part #5-5179180-1
0.8FH,R09H.5,040,08/Sn,TR,SC



TE Part #6116075-1
INV MJ,1X1,SHIELDED,LED (G/Y)

Documents

Product Drawings

2mm pitch Battery Plug Assy. 7Pos. H=4.0

English

CAD Files

Customer View Model

ENG_CVM_CVM_1827654-1_B2.2d_dxf.zip

English

3D PDF

3D

Customer View Model

ENG_CVM_CVM_1827654-1_B2.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_1827654-1_B2.3d_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

1-1773718-4_POWER_CONNECTORS_QRG_CN

1-1773718-5_POWER_CONNECTORS_QRG_TCN

1-1773718-6_POWER_CONNECTORS_QRG_JA

Japanese

Product Specifications

Product Specification

English