



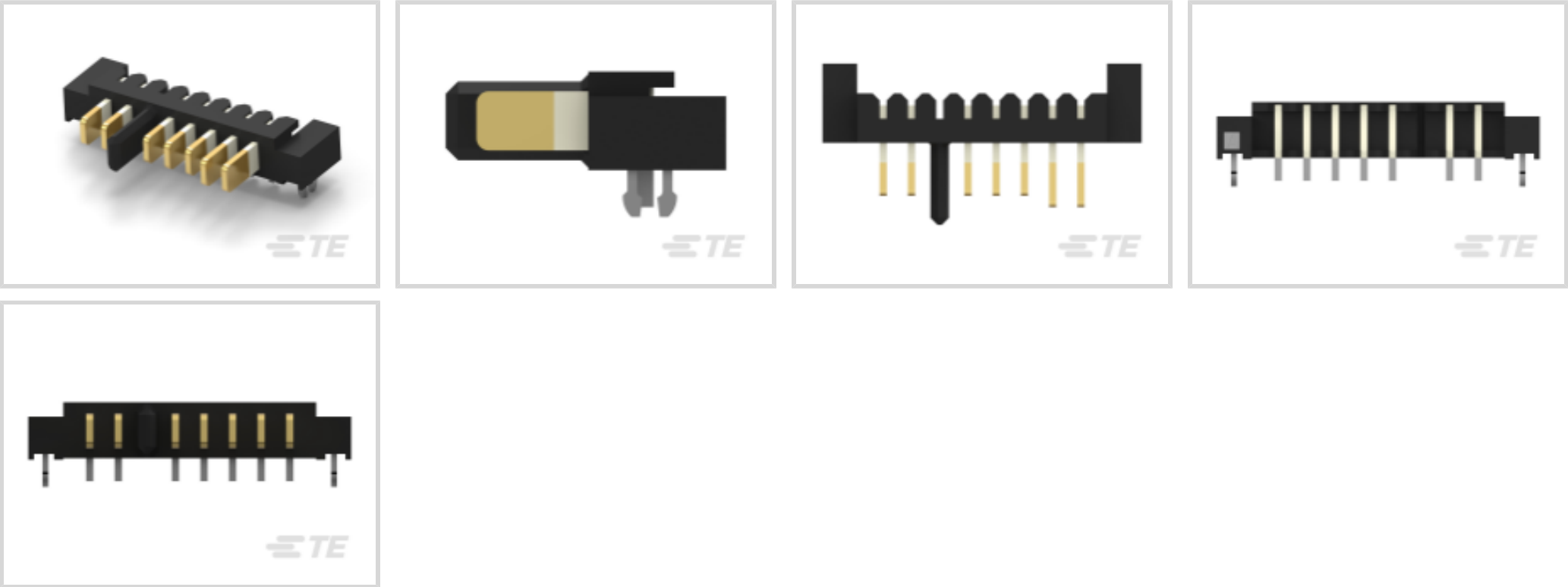
TE Internal #: 1827654-1

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

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: **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
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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



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>

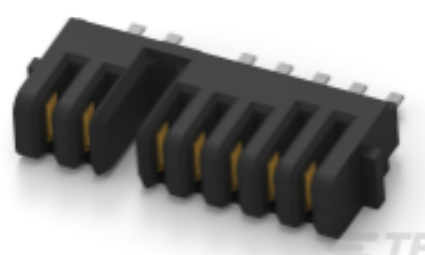
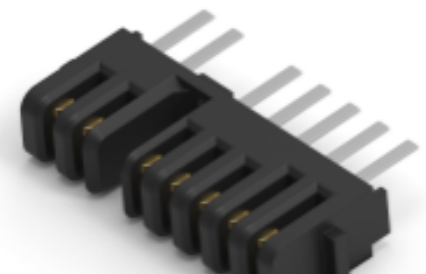
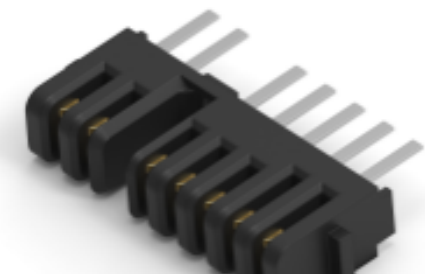
EU RoHS Directive 2011/65/EU	Compliant
EU ELV Directive 2000/53/EC	Compliant
China RoHS 2 Directive MIIT Order No 32, 2016	No Restricted Materials Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JAN 2024 (240) Candidate List Declared Against: JAN 2024 (240) Does not 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

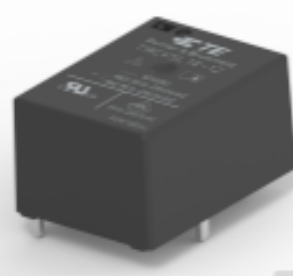
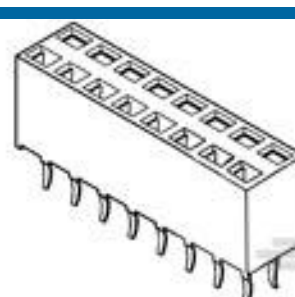
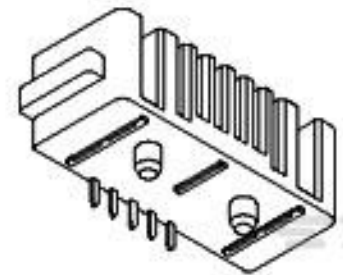
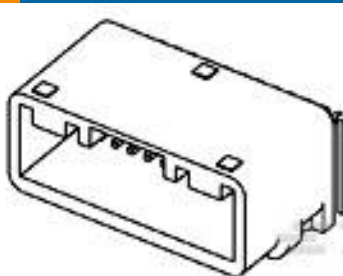
This information is provided based on reasonable inquiry of our suppliers and represents our current actual knowledge based on the information they provided. This information is subject to change. The part numbers that TE has identified as EU RoHS compliant have a maximum concentration of 0.1% by weight 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 # 1-1827684-2 2mm pitch Battery Rec. Assy. 7Pos. H=4.0	 TE Part # 1827685-3 2mm pitch Battery Rec. Assy. 7Pos. RVS.	 TE Part # 1827685-4 2mm pitch Battery Rec. Assy. 7Pos. RVS.	 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	 TE Part # 1827685-1 2mm pitch Battery Rec. Assy. 7Pos. RVS.	 TE Part # 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 # 2229293-1 2mm pitch Battery Rec. Assy. 7Pos. H=4.0	 TE Part # 1827685-2 2mm pitch Battery Rec. Assy. 7Pos.	 TE Part # 1-1939230-2 2mm PITCH BATTERY REC. (HALOGEN FREE)	 TE Part # 1939230-1 2mm PITCH BATTERY REC. ASSY. 7P. RVS.

Customers Also Bought

 TE Part # 1558666-3 T9GS1L14-12	 TE Part # 2-215307-5 2X25P HV100 REC CON. TE, 7.0MM	 TE Part # 5787526-1 MDI RECEPTACLE ASSEMBLY,6P	 TE Part # 640051-1 RING TONGUE .164 18-14 AWG SST
 TE Part # 1877285-5 05P EP SHRD HDR ASMY, WHITE	 TE Part # 1-1721150-3 ORWH-SH-112D1F,000	 TE Part # 1-1318853-3 025 24POS CAP ASSY H SELECTIVE-TIN	 TE Part # 1-2176058-6 RLP73M 3A R043 5% 2K RL



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

2_PIECE_POWER_CONNECTORS_qrg_4-1773458-1

English

Product Specifications

Product Specification

English