

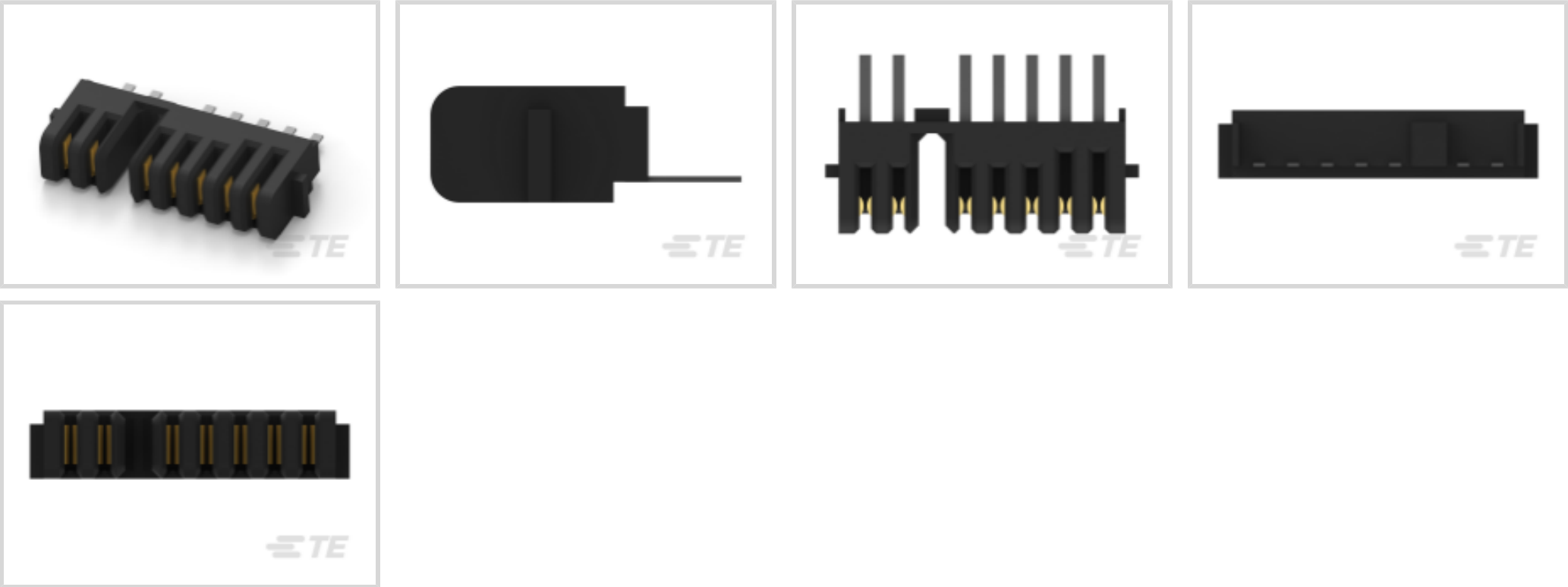


TE Internal #: 1827684-1

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



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]
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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 Method	Box & Tray
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Product Compliance

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

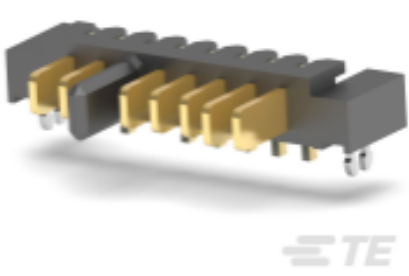
EU RoHS Directive 2011/65/EU	Compliant
EU ELV Directive 2000/53/EC	Compliant
China RoHS 2 Directive MIIT Order No 32, 2016	No Restricted Materials Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JAN 2025 (247) Candidate List Declared Against: JAN 2025 (247) Does not contain REACH SVHC
Halogen Content	Not Low Halogen - contains Br or Cl > 900 ppm.
Solder Process Capability	Reflow solder capable to 245°C

Product Compliance Disclaimer

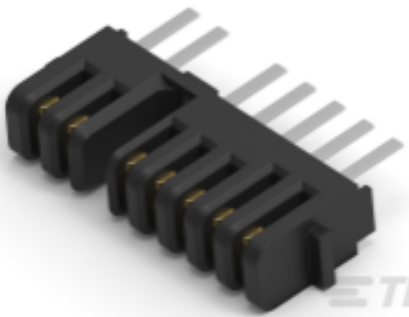
This information is provided based on reasonable inquiry of our suppliers and represents our current actual knowledge based on the information they provided. This information is subject to change. The part numbers that TE has identified as EU RoHS compliant have a maximum concentration of 0.1% by weight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

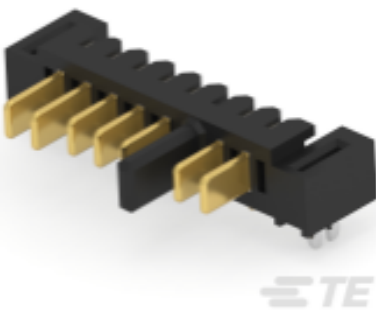




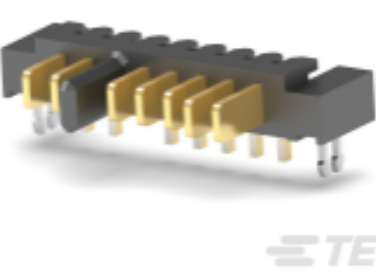
TE Part # 1-1827654-1
2mm pitch Battery Plug Assy. 7Pos.
H=4.0



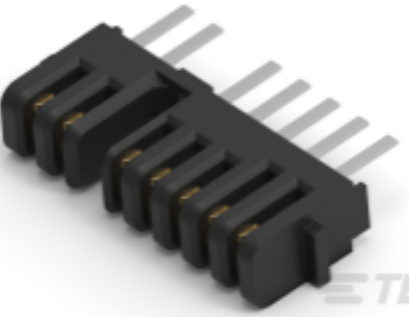
TE Part # 1939230-1
2mm PITCH BATTERY REC. ASSY. 7P.
RVS.



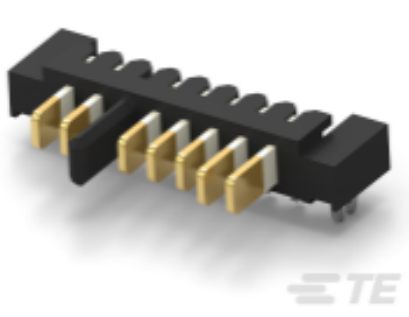
TE Part # 1932154-1
2mm pitch Battery Plug Assy.7Pos
Reverse



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



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



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

Customers Also Bought



TE Part #CAT-C73765-M1A
M8 Panel Mount Solder Cups



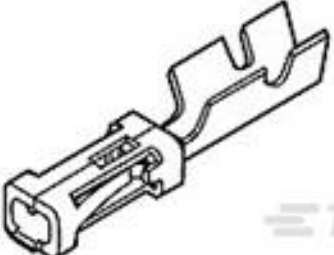
TE Part #7-2176412-1
5W XSM M/OX 5% 4K3



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



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



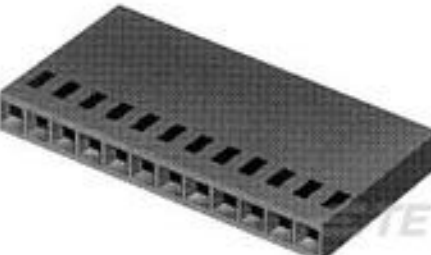
TE Part #102169-1
MOD V NO STRIP PLTD SN



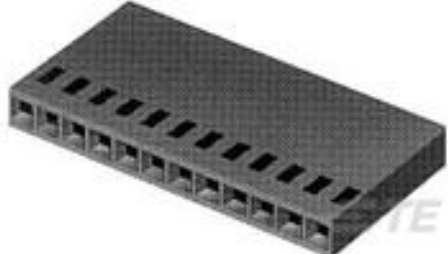
TE Part #1658623-2
14 NOVO MIL 30DP, LEAD FREE



TE Part #7-2176412-2
5W XSM M/OX 5% 4K7



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



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

Documents



Product Drawings

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

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_1827684-1_D.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_1827684-1_D.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_1827684-1_D.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