

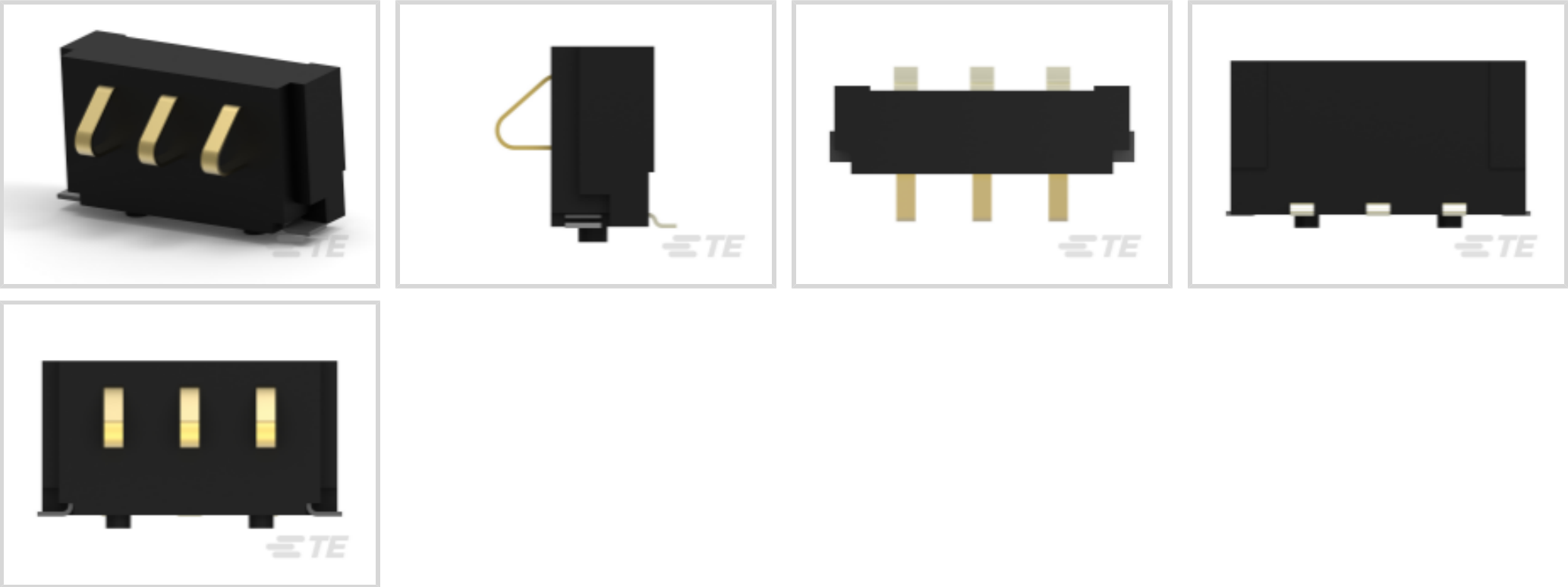


TE Internal #: 1746142-1

Board-to-Board, 3 Position, 3.2 mm [.126 in] Centerline, 50 VDC, Right Angle, Printed Circuit Board, Power & Signal, Board Mount, DC Jack Connectors

[View on TE.com >](#)

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



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

Number of Positions: **3**

Centerline (Pitch): **3.2 mm [.126 in]**

Operating Voltage: **50 VDC**

PCB Mount Orientation: **Right Angle**

Features

Product Type Features

Connector System	Board-to-Board
Connector & Contact Terminates To	Printed Circuit Board

Configuration Features

Number of Positions	3
PCB Mount Orientation	Right Angle

Electrical Characteristics

Operating Voltage	50 VDC
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Contact Features

Contact Current Rating (Max)	2 A
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Mechanical Attachment

Connector Mounting Type	Board Mount
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Housing Features

Centerline (Pitch)	3.2 mm[.126 in]
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Usage Conditions



Operating Temperature Range	-55 – 85 °C[-67 – 185 °F]
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Operation/Application

Circuit Application	Power & Signal
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Packaging Features

Packaging Quantity	500
Packaging Method	Reel

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	Out of Scope
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 2023 (235) Does not contain REACH SVHC
Halogen Content	Not Low Halogen - contains Br or Cl > 900 ppm.
Solder Process Capability	Reflow solder capable to 260°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 # 1827928-1  
LEAF BATTERY CONN 3POS. P=3.2,

Customers Also Bought

TE Part #1625862-1  
RH73 2A 10G 30% 1000PPM 1K RL

TE Part #1-1879208-9  
CPF 0402 56R 0.1% 25PPM 1K RL

TE Part #7-1879208-0  
CPF 0402 7K5 0.1% 25PPM 1K RL

TE Part #1879417-8  
CPF0603 1M0 0.1% 25PPM 5K RL

TE Part #1-2329013-2  
LUMAWISE 40MM DIA DOME CLEAR TALL

TE Part #2344657-2  
FPC ANTENNA, CABLE, MHF, Wi-Fi TRIPLE

TE Part #1-2307727-0  
10P,2MM,B-B,REC,SRHZ,SMD,0.76AU

TE Part #3-2176328-2  
CRGP 1206 3K9 1%

TE Part #292448-1  
3.0mm PITCH 3P SMT ASSEMBLY BATTERY CONN

TE Part #1658260-1  
RF BOARD TO BOARD ASSY, LOOSE

Documents

Product Drawings

LEAF TYPE BATTERY CONN 3P

Japanese

CAD Files

3D PDF

English

Customer View Model

ENG\_CVM\_1746142-1\_O1.2d\_dxf.zip



English

Customer View Model

[ENG\\_CVM\\_1746142-1\\_O1.3d\\_igs.zip](#)

English

Customer View Model

[ENG\\_CVM\\_1746142-1\\_O1.3d\\_stp.zip](#)

English

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Datasheets & Catalog Pages

[Products for Mobile Equipment](#)

English

Product Specifications

[Application Specification](#)

English