

1746142-1 ACTIVE

TE Internal #: 1746142-1

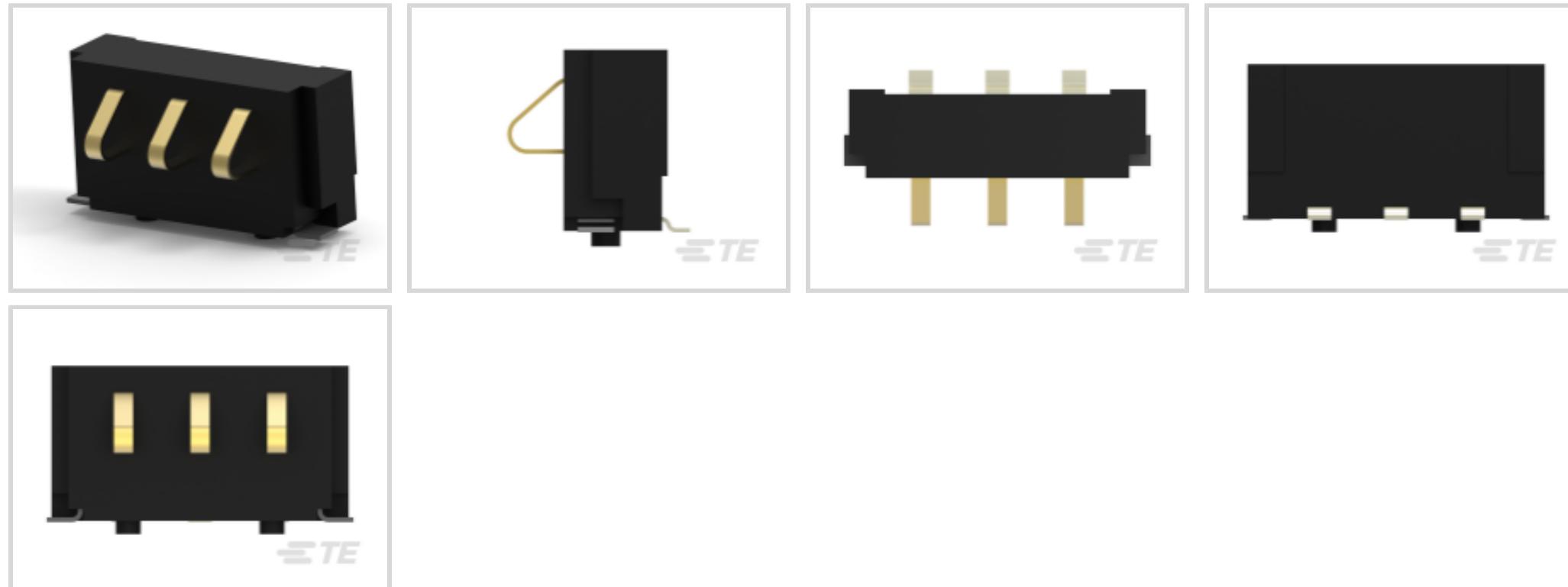
DC Jack Connectors, Board-to-Board, 3 Position, .126 in [3.2 mm]

Centerline, 50 VDC, Right Angle, Printed Circuit Board, Power & Signal, Board Mount

[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
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Connector & Contact Terminates To	Printed Circuit Board
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Configuration Features

Number of Positions	3
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PCB Mount Orientation	Right Angle
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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]

Operation/Application

Circuit Application

Power & Signal

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: JAN 2024
(240)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



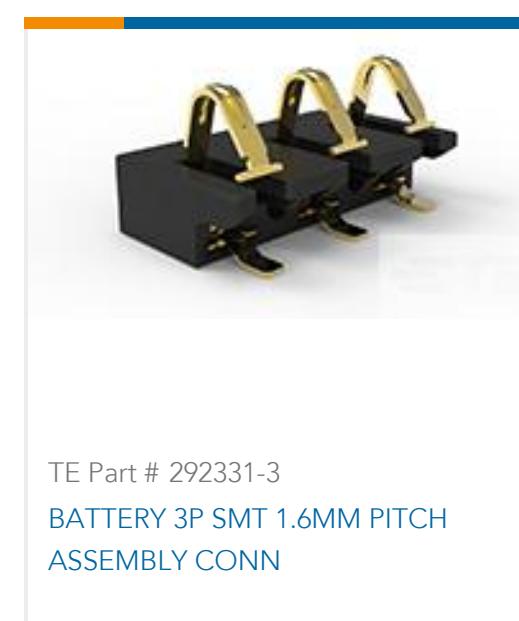
TE Part # 1625862-1
RH73 2A 10G 30% 1000PPM 1K RL



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 # 292331-3
BATTERY 3P SMT 1.6MM PITCH ASSEMBLY CONN



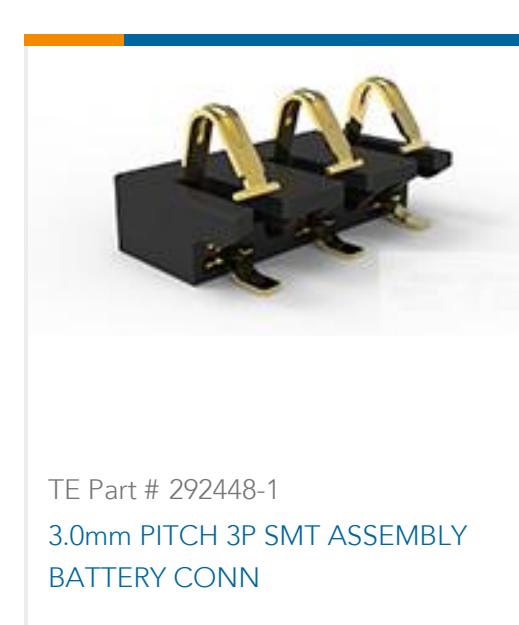
TE Part # 1879417-8
CPF0603 1M0 0.1% 25PPM 5K RL



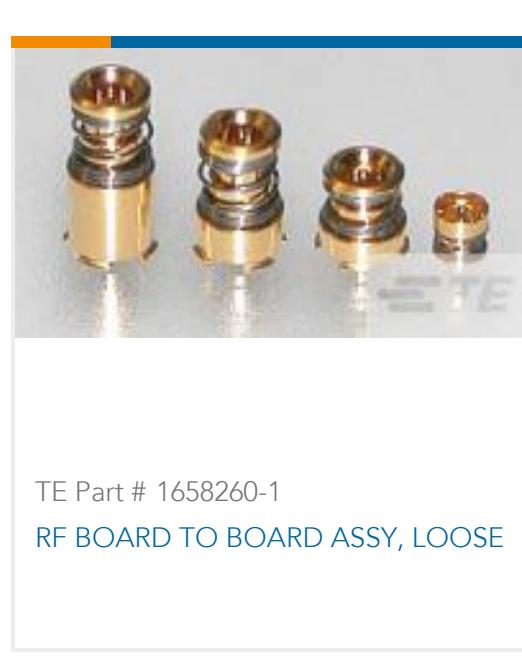
TE Part # 1-2329013-2
LUMAWISE 40MM DIA DOME CLEAR TALL



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_jgs.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