

# 1674231-1 ✓ ACTIVE

TE Internal #: 1674231-1

DC Jack Connectors, Board-to-Board, 10 Position, .098 in [2.5 mm]

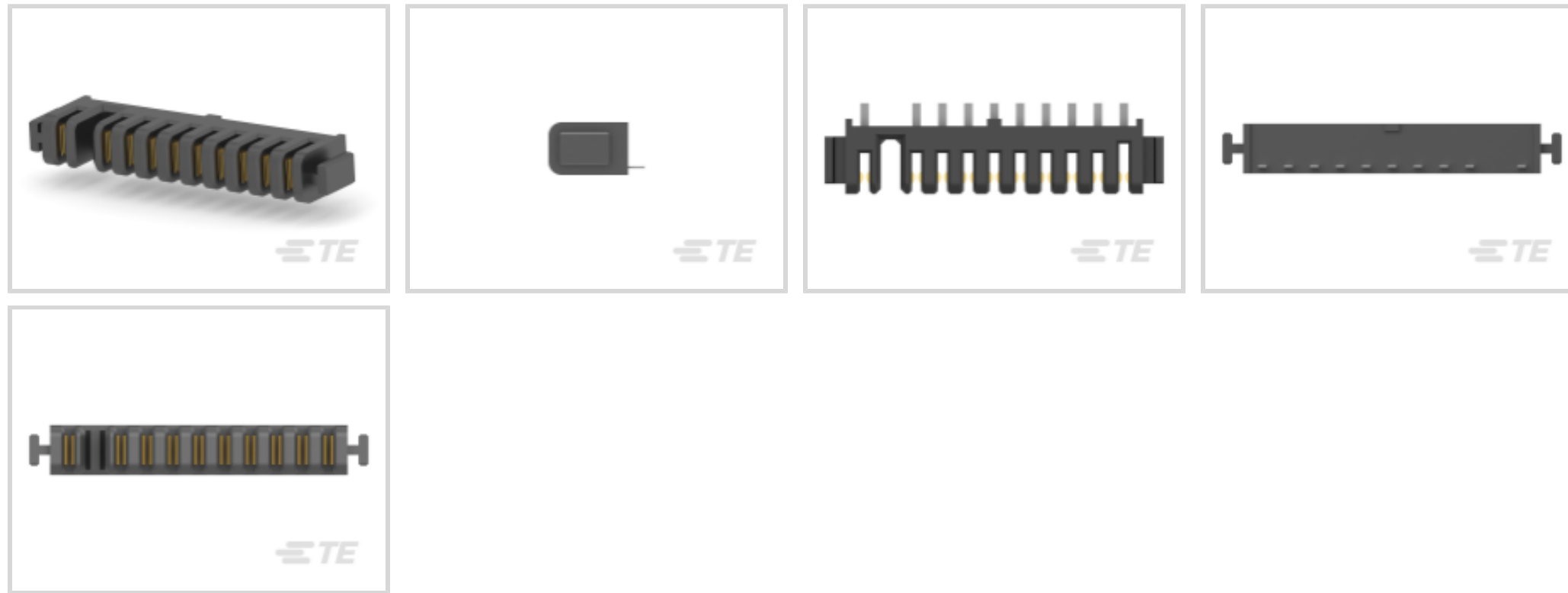
Centerline, Receptacle, 30 VDC, Vertical, Printed Circuit Board,

Power & Signal

[View on TE.com >](#)



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



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

Number of Positions: **10**

Centerline (Pitch): **2.5 mm [ .098 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	10
PCB Mount Orientation	Vertical

### 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)	2.5 mm[.098 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	100
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Packaging Method	Tray
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### Product Compliance

[For compliance documentation, visit the product page on TE.com>](#)

EU RoHS Directive 2011/65/EU	Compliant
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EU ELV Directive 2000/53/EC	Compliant
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China RoHS 2 Directive MIIT Order No 32, 2016	No Restricted Materials Above Threshold
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EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUNE 2024 (241) Candidate List Declared Against: JUNE 2024 (241) Does not contain REACH SVHC
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Halogen Content	Not Low Halogen - contains Br or Cl > 900 ppm.
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Solder Process Capability	Reflow solder capable to 245°C
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#### 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 # 1123688-3  
2.5 BATTERY REC ASSY 6P



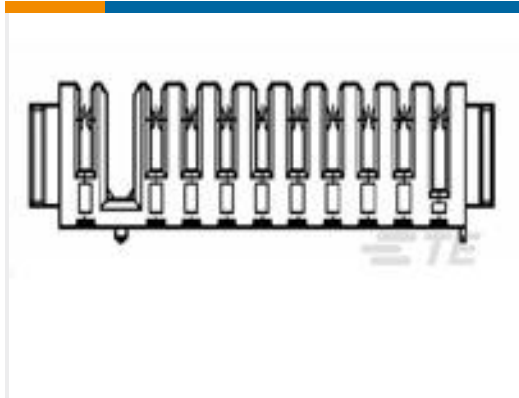
TE Part # 1123684-7  
2.5 BATTERY CONN PLUG 10P STD



TE Part # 1-1473776-7  
2.5MM PITCH BATTERY REC ASSEMBLY SMT TYP



TE Part # 1318572-7  
2.5 BATTERY PLUG ASSY 10P



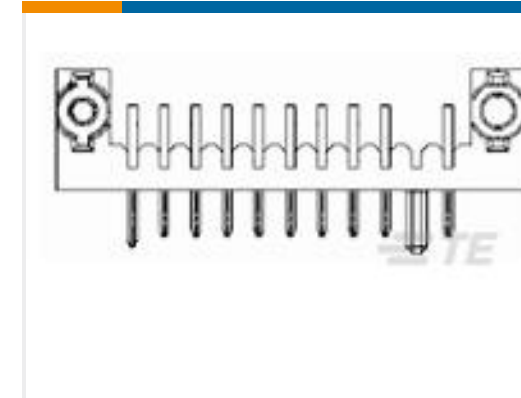
TE Part # 1473776-7  
2.5MM BATTERY REC ASSEMBLY



TE Part # 1565596-1  
PLUG ASSY FOR 2.5MM PITCH BATT




TE Part # 1674999-1  
PLUG ASSY,2.5MM PITCH BATTERY



TE Part # 1717712-1  
2.5MM PITCH BATTERY PLUG ASSY OFF-SET TY

### Customers Also Bought



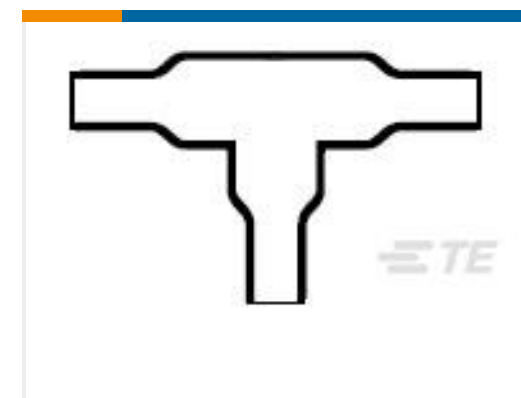
TE Part #745211-7  
25 HDE AP PLUG, LEAD FREE



TE Part #747844-2  
09 MSFL RCPT RA 318 (FM,BL)



TE Part #EH2298-000  
DWFR-16/4-0-STK



TE Part #823277-000  
301A011-4/42-0



TE Part #1-534206-3  
26 MODII VRT DR CE 100/115



TE Part #7-1879337-0  
CPF 0603 13K 1% 50PPM 1K RL



TE Part #001-0009  
ANTENNA,2.4/5.5 GHz Dipole



TE Part #60802-2  
.058 DIA PIN PC PTPPHBZ



TE Part #1-1614958-9  
CPF 0805 1R5 0.1% 25ppm 1K RL



TE Part #2015357-4  
C/A, UMCC/UMCC, 1.37 OD CABLE, 200MM LON

### Documents



### Product Drawings

#### 2.5MM PITCH HIGH CURRENT BATTE

English

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### CAD Files

#### 3D PDF

3D

#### Customer View Model

[ENG\\_CVM\\_CVM\\_1674231-1\\_E.2d\\_dxf.zip](#)

English

#### Customer View Model

[ENG\\_CVM\\_CVM\\_1674231-1\\_E.3d\\_igs.zip](#)

English

#### Customer View Model

[ENG\\_CVM\\_CVM\\_1674231-1\\_E.3d\\_stp.zip](#)

English

By downloading the CAD file I accept and agree to the [Terms and Conditions](#) of use.

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### Datasheets & Catalog Pages

#### POWER\_CONNECTORS\_CATALOG\_SEC09\_LAPTOPS\_PORTABLES

English

[2\\_PIECE\\_POWER\\_CONNECTORS\\_qrg\\_4-1773458-1](#)

English

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### Product Specifications

#### 2.5mm PITCH BATTERY CONNECTOR

Japanese

#### Product Specification

Japanese

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### Agency Approvals

#### UL Report

English