

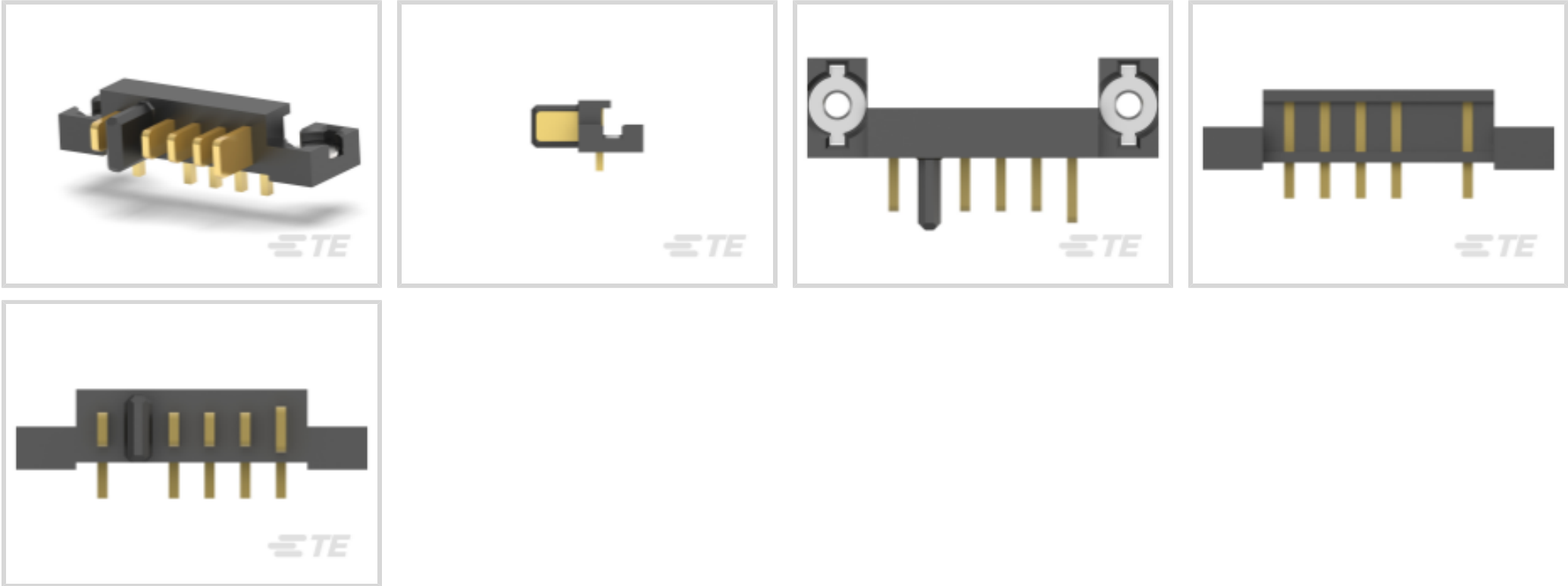


TE Internal #: 6376042-2

Board-to-Board, 5 Position, 2.5 mm [.098 in] Centerline, Plug, 30 VDC, Right Angle, Printed Circuit Board, Power & Signal, DC Jack Connectors

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



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

Number of Positions: **5**

Centerline (Pitch): **2.5 mm [.098 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	5
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	Locating Post
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 Method	Package
Packaging Quantity	504

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	有害物质含量符合标准要求 No Restricted Substance(s) Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUNE 2025 (250) Candidate List Declared Against: JUNE 2025 (250) 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

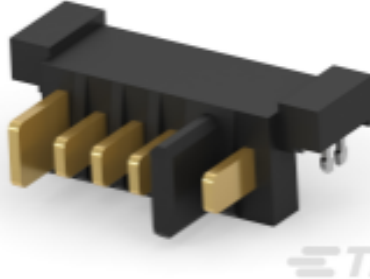
Product Compliance Disclaimer

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>

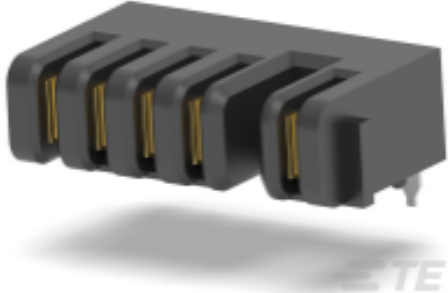
Compatible Parts



TE Part # 4-6447141-6
BU CONN FS3 SOCKET RS (5P)

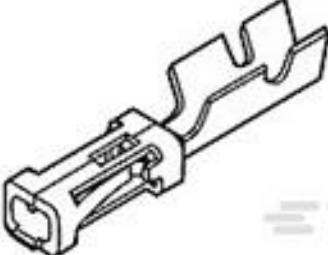


TE Part # 6318790-1
PLUG ASSY,PB-FREE,2.5 SLIM
BATTERY OFF-S



TE Part # 1473971-2
REC ASS'Y V TYPE FOR 2.5MM PIT

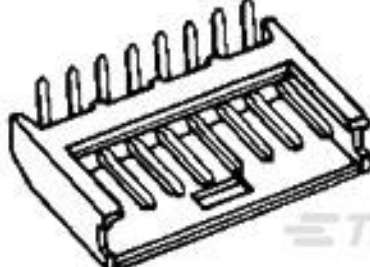
Customers Also Bought



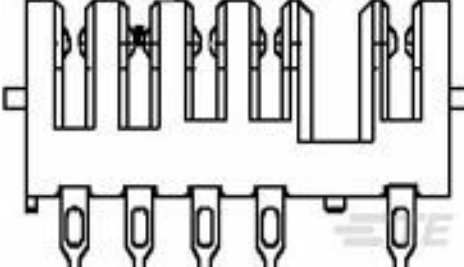
TE Part #87523-6
MOD IV RECP LP



TE Part #102387-6
26 MODIV HSG COMP DR .100 POL



TE Part #280378-2
4P MODU II SHRD HDR, RT ANG, 0.38
AU



TE Part #1473969-1
REC ASS'Y FOR 2.5 SLIM BATTERY



TE Part #7-1614894-4
CPF0805 1M5 0.1% 25PPM 5K RL



TE Part #1-1624112-7
3650 0402 2.7nH 5% 2K RL



TE Part #2-1624112-2
3650 0402 15nH 5% 2K RL



TE Part #3-1624112-9
3650 0402 8.7nH 5% 2K RL



TE Part #6-1624112-6
3650 0603 4.7nH 5% 2K RL



TE Part #1878643-8
M5031W

Documents

Product Drawings

PLUG ASSY,5 PINS,2.5MM PITCH BATTERY CO

English

CAD Files

Customer View Model

ENG_CVM_CVM_6376042-2_A.2d_dxf.zip

English

3D PDF



3D

Customer View Model

[ENG_CVM_CVM_6376042-2_A.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_6376042-2_A.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

Product Specifications

[Application Specification](#)

English