

1746798-1 ✓ ACTIVE



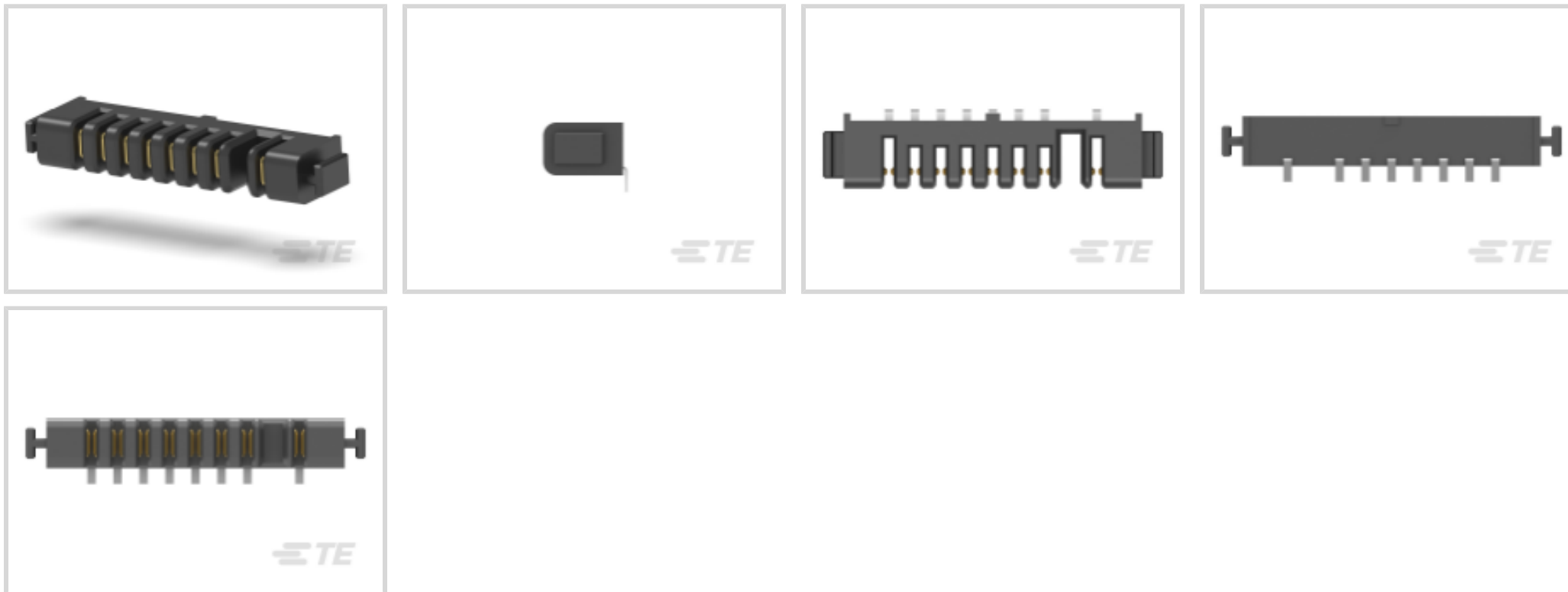
TE Internal #: 1746798-1

Board-to-Board, 8 Position, 2.5 mm [.098 in] Centerline, Receptacle, 30 VDC, Right Angle, Printed Circuit Board, 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: **8**

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 | 8 |
| PCB Mount Orientation | Right Angle |

Electrical Characteristics

| | |
|-------------------|--------|
| Operating Voltage | 30 VDC |
|-------------------|--------|

Contact Features

| | |
|------------------------------|-----|
| Contact Current Rating (Max) | 7 A |
|------------------------------|-----|

Mechanical Attachment

| | |
|-------------------------|-------------|
| PCB Mount Retention | Without |
| Connector Mounting Type | Board Mount |

Housing Features



| | |
|--------------------|------------------|
| Centerline (Pitch) | 2.5 mm [.098 in] |
|--------------------|------------------|

Usage Conditions

| | |
|-----------------------------|---------------------------|
| Operating Temperature Range | -20 – 80 °C [-4 – 176 °F] |
|-----------------------------|---------------------------|

Operation/Application

| | |
|---------------------|--------|
| Circuit Application | Signal |
|---------------------|--------|

Packaging Features

| | |
|------------------|------|
| Packaging Method | Tray |
|------------------|------|

| | |
|--------------------|-----|
| Packaging Quantity | 100 |
|--------------------|-----|

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



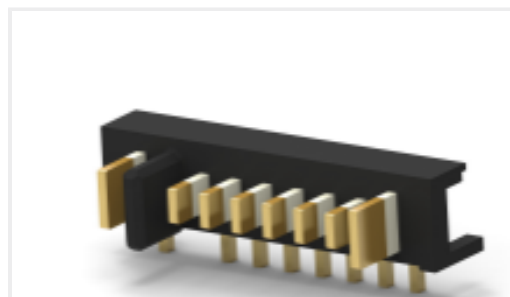
TE Part # 1932677-2
2.5BATTERY PLUG ASSY 8POS.
OFFSET TYPE



TE Part # 1717620-1
2.5MM PITCH BATTERY REC. ASSY
8POS. R/A

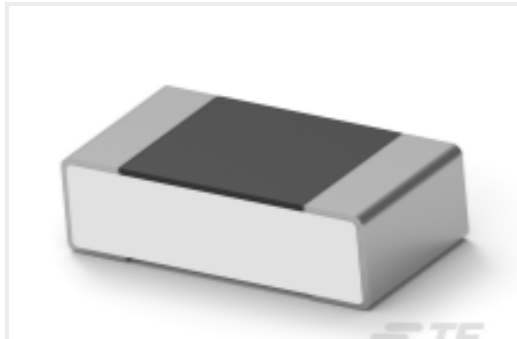


TE Part # 1932677-1
2.5BATTERY PLUG ASSY 8POS.
OFFSET TYPE



TE Part # 1717445-6
PLUG ASSY 8POS.GRAY,2.5MM
PITCH BATTERY

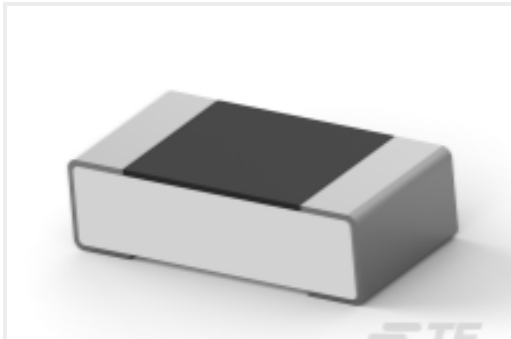
Customers Also Bought



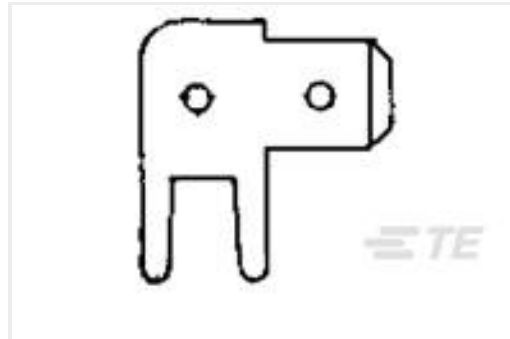
TE Part #5-2176371-3
RQ 0603 16K2 0.1% 10PPM 5K RL



TE Part #5-747912-2
25 Plug Solder Cup, Gold Flash



TE Part #1-2176372-7
RQ 0603 73K2 0.1% 10PPM 5K RL



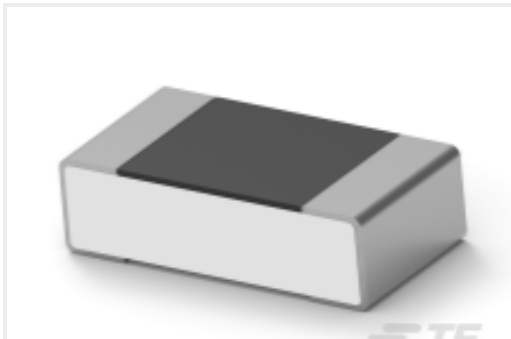
TE Part #726389-2
187 FASTON TAB TPBR



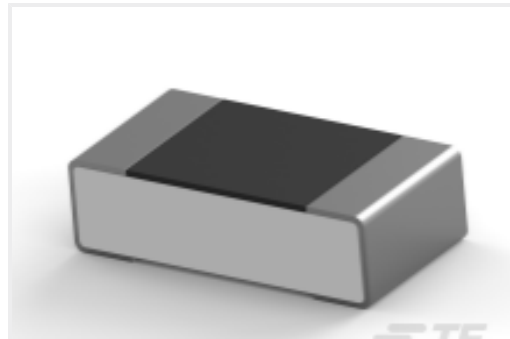
TE Part #5-747913-2
25 Rcpt Solder Cup, Gold Flash



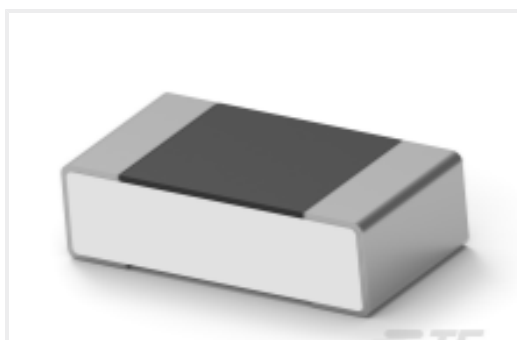
TE Part #9-1879513-7
CRGH1206 1% 100R 0.5W



TE Part #2-2176371-9
RQ 0603 9K09 0.1% 10PPM 5K RL



TE Part #3-2176370-2
RQ 0603 909R 0.1% 10PPM 5K RL



TE Part #6-2176371-6
RQ 0603 22K1 0.1% 10PPM 5K RL



TE Part #5-1462037-8
IM43TS=IM RELAY 100mW 5V BIS

Documents

Product Drawings

[2.5MM PITCH BATTERY REC. ASSY 8POS. R/A](#)

English

CAD Files

[3D PDF](#)

3D

[Customer View Model](#)

[ENG_CVM_CVM_1746798-1_B.2d_dxf.zip](#)



English

Customer View Model

[ENG_CVM_CVM_1746798-1_B.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_1746798-1_B.3d_stp.zip](#)

English

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

Datasheets & Catalog Pages

[2_PIECE_POWER_CONNECTORS_qrg_4-1773458-1](#)

English

Product Specifications

[Product Specification](#)

English