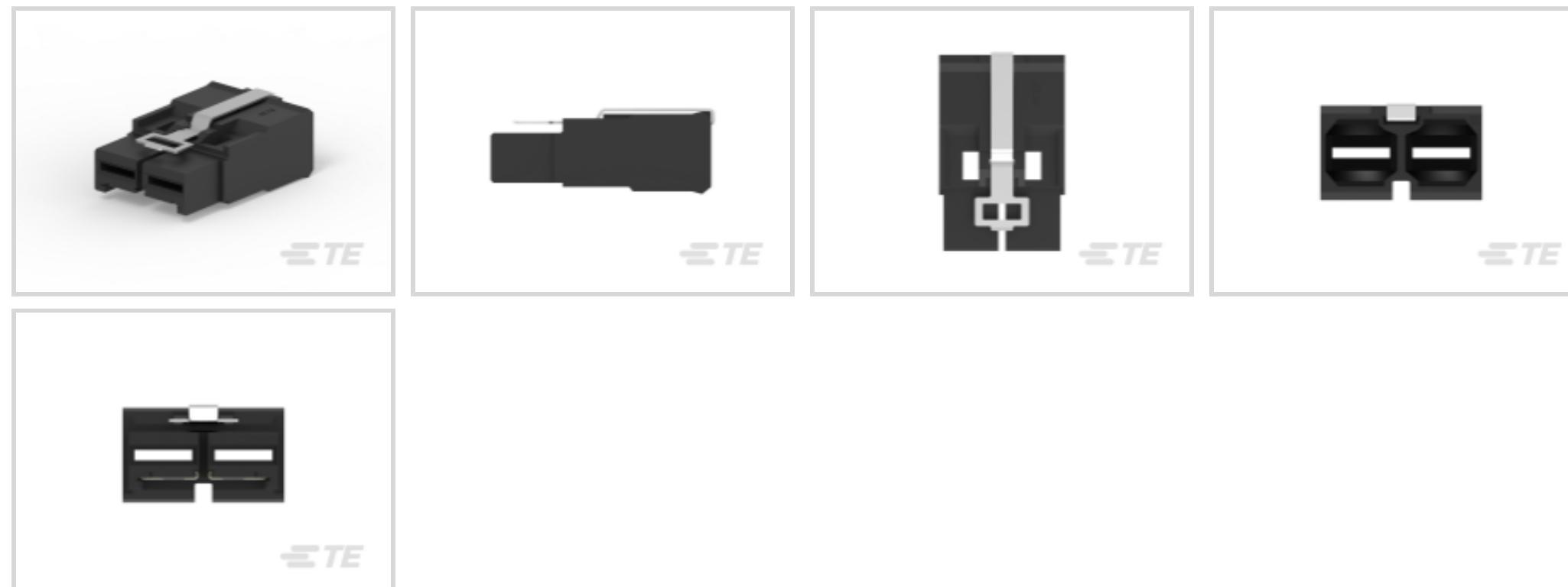


2178186-3

✓ ACTIVE

TE Internal #: 2178186-3

2 Position, Receptacle, Housing, Crimp, Wire-to-Board, Silver (Ag),
UL 94V-0, 7.8 mm [.307 in] Centerline, 1 Row, 500 VAC, Wire &
Cable, Power

[View on TE.com >](#)[Connectors > Rectangular Connectors > Standard Rectangular Connectors](#)Connector Product Type: **Housing**Connector & Housing Type: **Receptacle**Connector System: **Wire-to-Board**Contact Mating Area Plating Material: **Silver (Ag)**Contact Retention Within Housing: **With**

Features

Product Type Features

| | |
|-----------------------------------|---------------|
| Connector Product Type | Housing |
| Connector & Housing Type | Receptacle |
| Connector System | Wire-to-Board |
| Sealable | No |
| Connector & Contact Terminates To | Wire & Cable |

Configuration Features

| | |
|----------------------------|---|
| Number of Positions | 2 |
| Number of Rows | 1 |
| Number of Power Positions | 2 |
| Number of Signal Positions | 0 |

Electrical Characteristics

| | |
|-------------------|---------|
| Operating Voltage | 500 VDC |
|-------------------|---------|

Body Features

| | |
|-----------------------|-------|
| Primary Product Color | Black |
|-----------------------|-------|

Contact Features

| | |
|--|------------------|
| Contact Mating Area Plating Material | Silver (Ag) |
| Contact Retention Within Housing | With |
| Contact Type | Receptacle |
| Contact Current Rating (Max) | 40 A |
| Contact Mating Area Plating Material Thickness | .8 µm[31.49 µin] |

Termination Features

| | |
|------------------------------------|-------|
| Termination Method to Wire & Cable | Crimp |
|------------------------------------|-------|

Mechanical Attachment

| | |
|-------------------------|----------------------------|
| Connector Mounting Type | Cable Mount (Free-Hanging) |
|-------------------------|----------------------------|

Housing Features

| | |
|--------------------|-----------------|
| Centerline (Pitch) | 7.8 mm[.307 in] |
| Housing Material | PBT GF |

Dimensions

| | |
|--------------------|-----------------|
| Row-to-Row Spacing | 7.8 mm[.307 in] |
| Wire Size | 10 CMA |

Usage Conditions

| | |
|-----------------------------|----------------------------|
| Operating Temperature Range | -40 – 125 °C[-40 – 257 °F] |
|-----------------------------|----------------------------|

Operation/Application

| | |
|---------------------|-------|
| Circuit Application | Power |
|---------------------|-------|

Industry Standards

| | |
|------------------------|-------------------------------|
| UL Flammability Rating | UL 94V-0 |
| Glow Wire Rating | Standard Part - Not Glow Wire |

Packaging Features

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

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

Not applicable for solder process capability

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 # 1982295-1
ELCON MINI 2P RA HEADER, W/
/CODING

Customers Also Bought



TE Part #CMD69423P-30NF
Omni,Dband,300mm,NF 698-4200MHz,
LoPIM



TE Part #796634-5
5 POS 5.08MM R/A PLUG,TRM BLK



TE Part #1571983-3
GDH02STR04=DIP SWITCH



TE Part #1571983-5
GDH04STR04=DIP SWITCH

| | | | |
|--|--|---|---|
| TE Part #1-1997963-1 DC POWER CABLE WCDMA | TE Part #1-2017393-3 C/A RPM777193/01800 ET-ET | TE Part #2159441-2 MICRO USB PLUG TO 10 POS MODULAR JACK | TE Part #2835317-1 FOSM GLARO LEAD 4.8 FULLAXS LC-FXS 1M |
| TE Part #2-2835317-0 FOSM GLARO LEAD 4.8 FULLAXS LC-FXS 20M | TE Part #2835319-2 FOSM LEAD 4.8 FULLAXS LC/SPX-LC/SPX 2M | | |

Documents

Product Drawings

[ELCON MINI 2P CABLE CONN,6MM2,W/ \(B\)](#)

English

CAD Files

[3D PDF](#)

3D

Customer View Model

[ENG_CVM_CVM_2178186-3_B.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_CVM_2178186-3_B.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_2178186-3_B.3d_stp.zip](#)

English

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

Product Specifications

[Application Specification](#)

English