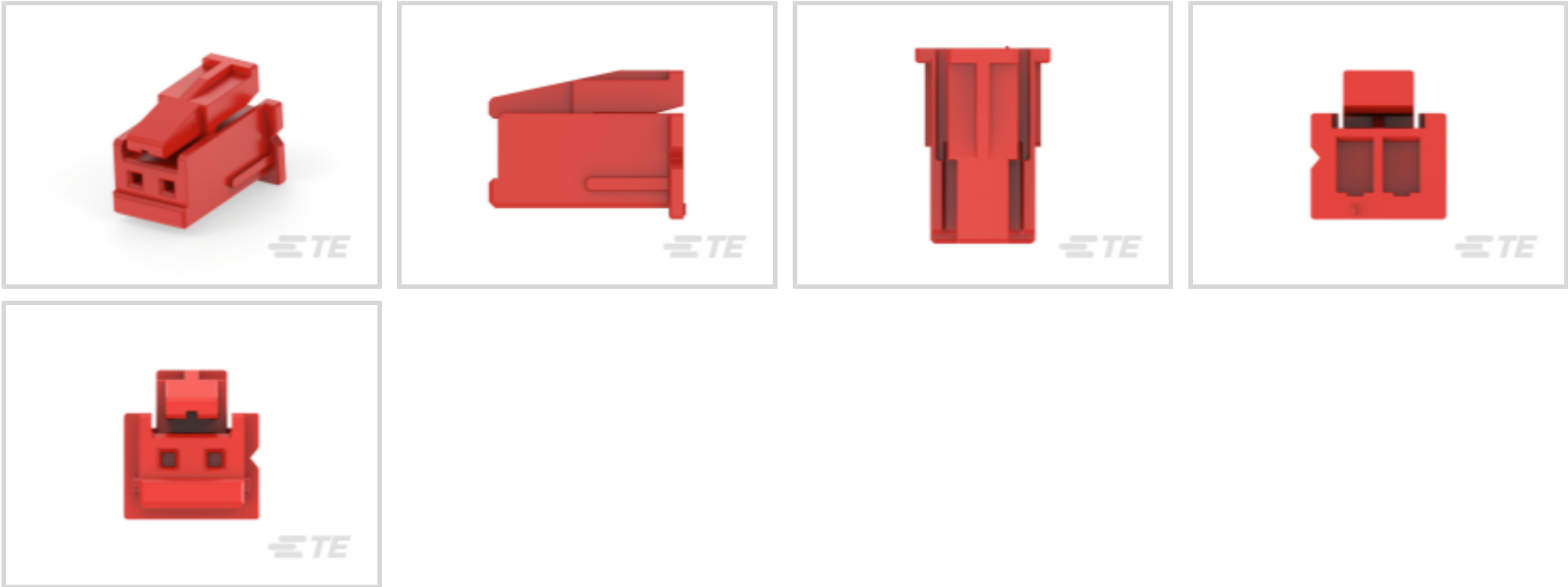




Connectors > PCB Connectors > Wire-to-Board Connectors > Wire-to-Board Connector Assemblies & Housings



Connector Product Type: **Housing**

Connector & Housing Type: **Receptacle**

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

Number of Positions: **2**

Centerline (Pitch): **2.5 mm [.098 in]**

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 |

Body Features

| | |
|-----------------------|-----|
| Primary Product Color | Red |
|-----------------------|-----|

Contact Features

| | |
|------------------------------|-------|
| Contact Current Rating (Max) | 4.2 A |
|------------------------------|-------|

Termination Features

| | |
|--|--|
| | |
|--|--|



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

Mechanical Attachment

| | |
|-------------------------|----------------------------|
| Mating Retention Type | Latch |
| Mating Retention | With |
| Connector Mounting Type | Cable Mount (Free-Hanging) |

Housing Features

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

Usage Conditions

| | |
|-----------------------------|----------------------------|
| Operating Temperature Range | -55 – 105 °C[-67 – 221 °F] |
|-----------------------------|----------------------------|

Operation/Application

| | |
|---------------------|----------------|
| Circuit Application | Power & Signal |
|---------------------|----------------|

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: JUNE 2023 (235) 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 | Not reviewed 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 # 2338244-2
EP2.5 HDR ASSY 2P VERT W/O BOSS, RED,UL



TE Part # 2338245-2
EP2.5 HDR 2P VERT BOSS,RED,UL



TE Part # 2421771-2
EP2.5 HDR ASSY 2P VERT W/O BOSS, RED,UL

Also in the Series | Economy Power 2.5




PCB Headers & Receptacles(494)




PCB Latches, Locks & Retainers(49)



Rectangular Power Connectors(43)



Wire-to-Board Connector Assemblies & Housings(311)



Wire-to-Board Connector Contacts(6)

Customers Also Bought



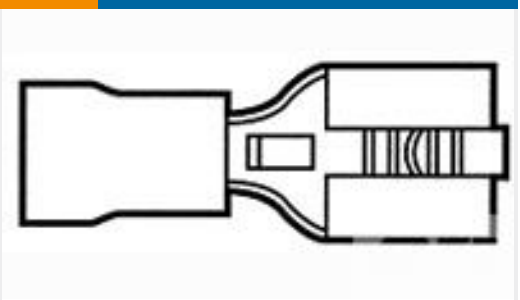
TE Part #1971783-2
PTL RECEPTACLE CONTACT, 16-19 AWG, 2X22



TE Part #177917-1
AMP POWER DBL LOCK TAB (L)



TE Part #52263
TERMINAL R PG 8 10



TE Part #640905-2
RECEPT,PIDG FASTON 16-14 250



TE Part #2132415-2
EP2.5 Shrouded HDR ASSY 2P VERT w /o boss



TE Part #1744423-1
EP 2.5 RCPT CONTACT, 24-20 AWG



TE Part #2110989-1
EP 2.5 RCPT CONTACT, 26-22 AWG



TE Part #1-1375820-2
CST-100 II HOUSING 12 POS



TE Part #1969507-2
250 FASTON HSG., FLAG, REC., 1 POS, NATRUAL



TE Part #60487-2
187 FASTON REC 18-16 AWG TPBR

Documents

Product Drawings

EP 2.5 TPA HOUSING, 2 POS, RED,UL

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_2338183-2_A.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_2338183-2_A.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_2338183-2_A.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

Product Environmental Compliance

Product Compliance

English

Product Compliance

English



[Agency Approvals](#)

[UL Report](#)

English