

1376477-4 ✓ ACTIVE



AMP Signal Double Lock

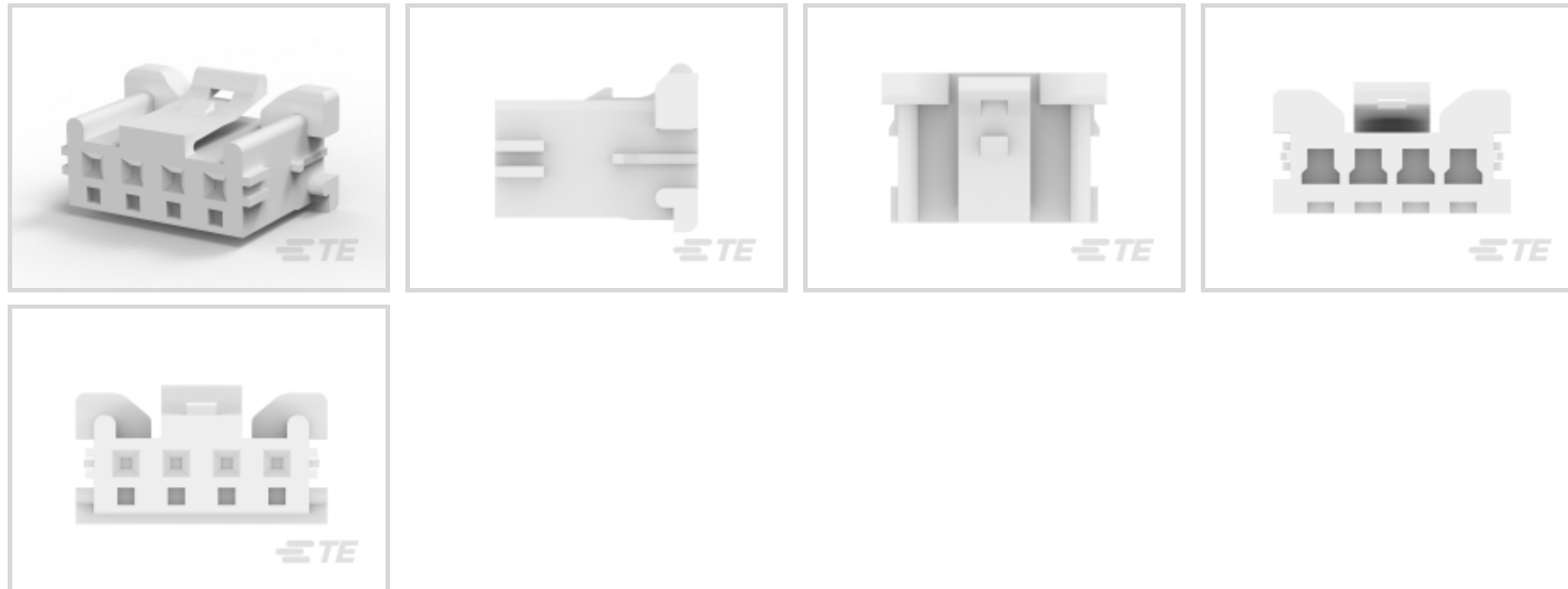
TE Internal #: 1376477-4

Housing, Plug, Wire-to-Board, 4 Position, 2.5 mm [.098 in]

Centerline, Crimp, 1 Row, Natural, Mating Retention, AMP Signal Double Lock

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



Connector Product Type: **Housing**

Connector & Housing Type: **Plug**

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

Number of Positions: **4**

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

Features

Product Type Features

| | |
|-----------------------------------|-----------------------|
| Connector Product Type | Housing |
| Connector & Housing Type | Plug |
| Connector System | Wire-to-Board |
| Sealable | No |
| Connector & Contact Terminates To | Printed Circuit Board |

Configuration Features

| | |
|---------------------|---|
| Number of Positions | 4 |
| Number of Rows | 1 |

Electrical Characteristics

| | |
|-------------------|--------|
| Operating Voltage | 50 VAC |
|-------------------|--------|

Contact Features

| | |
|-----------------------|-----------------|
| Contact Layout | Inline |
| Contact Type | Pin |
| Contact Base Material | Phosphor Bronze |



| | |
|------------------------------|-------|
| Contact Current Rating (Max) | 2.5 A |
|------------------------------|-------|

Termination Features

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

Mechanical Attachment

| | |
|---------------|---------|
| Strain Relief | Without |
|---------------|---------|

| | |
|---------------------|---------|
| Panel Mount Feature | Without |
|---------------------|---------|

| | |
|---------------------|---------|
| PCB Mount Retention | Without |
|---------------------|---------|

| | |
|-----------------------|-------|
| Mating Retention Type | Latch |
|-----------------------|-------|

| | |
|------------------|------|
| Mating Retention | With |
|------------------|------|

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

Housing Features

| | |
|------------------|-------------|
| Housing Material | Nylon 66 GF |
|------------------|-------------|

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

| | |
|---------------|---------|
| Housing Color | Natural |
|---------------|---------|

Dimensions

| | |
|------------------|-------------------|
| Connector Length | 12.5 mm [.492 in] |
|------------------|-------------------|

| | |
|------------------|------------------|
| Connector Height | 6.5 mm [.256 in] |
|------------------|------------------|

| | |
|-----------|---------------------------|
| Wire Size | .12 – .38 mm ² |
|-----------|---------------------------|

Usage Conditions

| | |
|-----------------------------|-----------------------------|
| Operating Temperature Range | -30 – 105 °C [-22 – 221 °F] |
|-----------------------------|-----------------------------|

Operation/Application

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

Industry Standards

| | |
|------------------------|----------|
| UL Flammability Rating | UL 94V-0 |
|------------------------|----------|

Packaging Features

| | |
|--------------------|-----|
| Packaging Quantity | 400 |
|--------------------|-----|

| | |
|------------------|-----------|
| Packaging Method | Bag & Box |
|------------------|-----------|

Product Compliance

For compliance documentation, visit the product page on [TE.com](https://www.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 2022 (223) Candidate List Declared Against: JAN 2022 (223) 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 # 1717567-4
DBL LOCK PLATE FOR SMC PLUG 4P




TE Part # 5-1376492-4
2.5 SMC HDR 4POS WHITE TAPE



TE Part # 1473585-1
I/O THROUGH CONNECTOR ASS'Y 4P



TE Part # 7-1376492-4
2.5 SMC HDR 4POS BLUE TAPE



TE Part # 1743492-1
BLOWER MOTOR 3P PLUG HSG



TE Part # 2-1376477-4
2.5MM PITCH SIGNAL MATE CONN



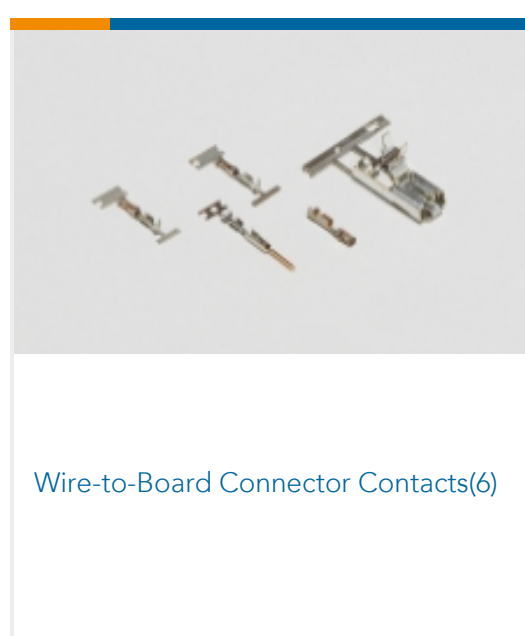
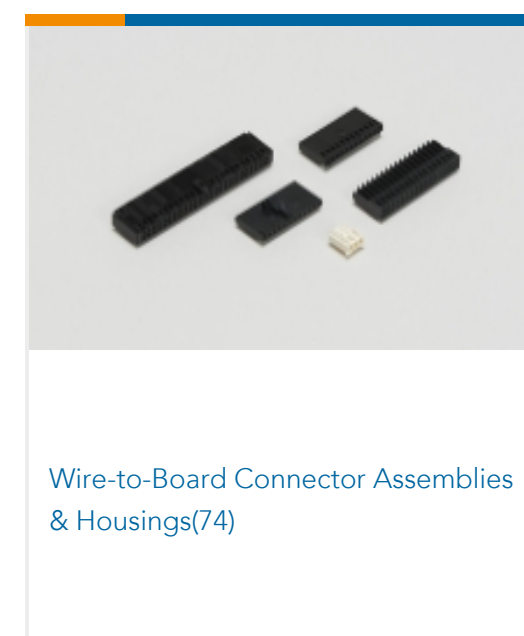
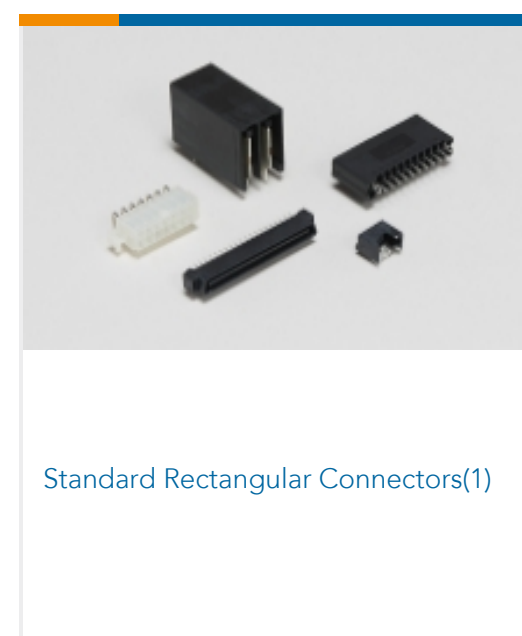
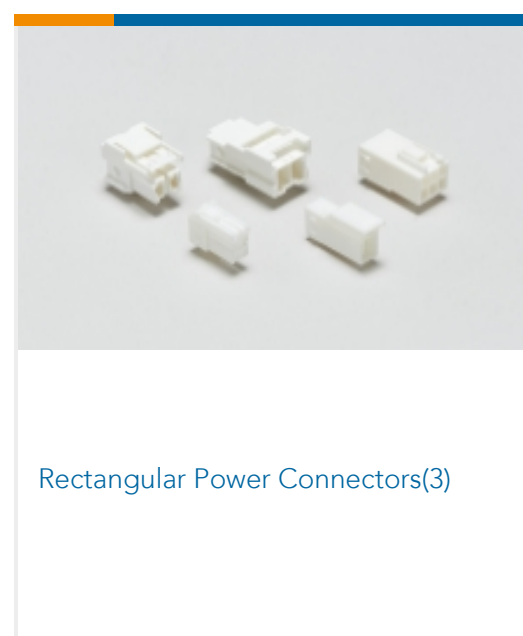
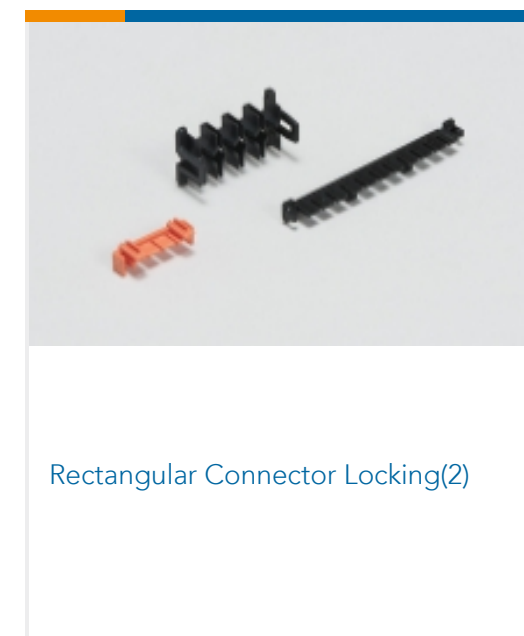
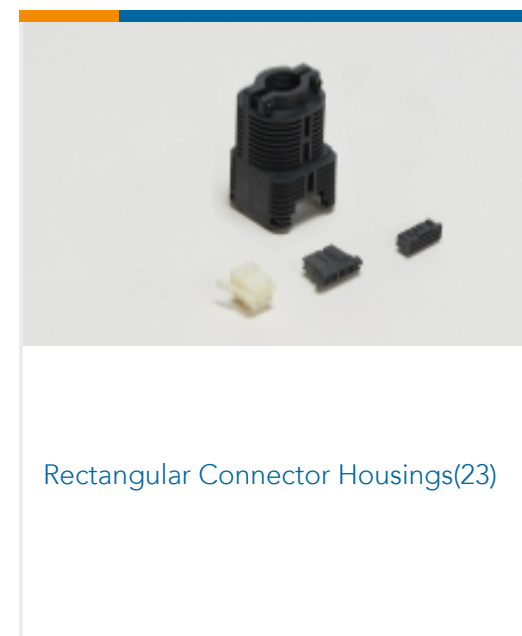
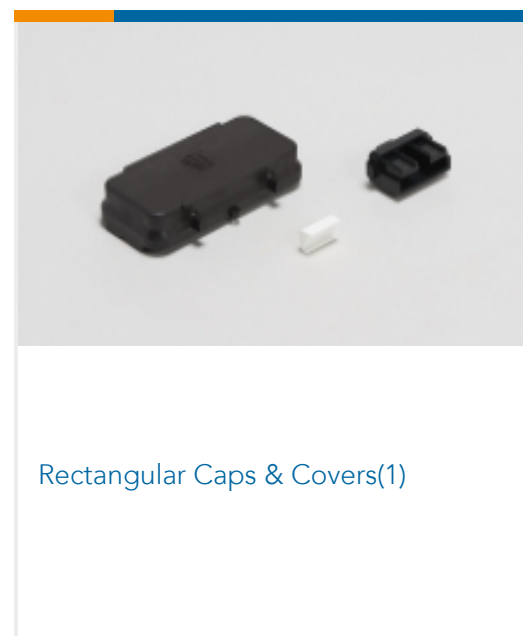
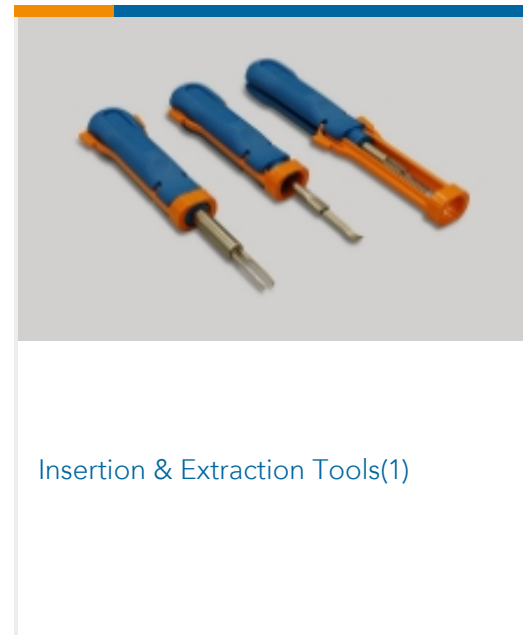
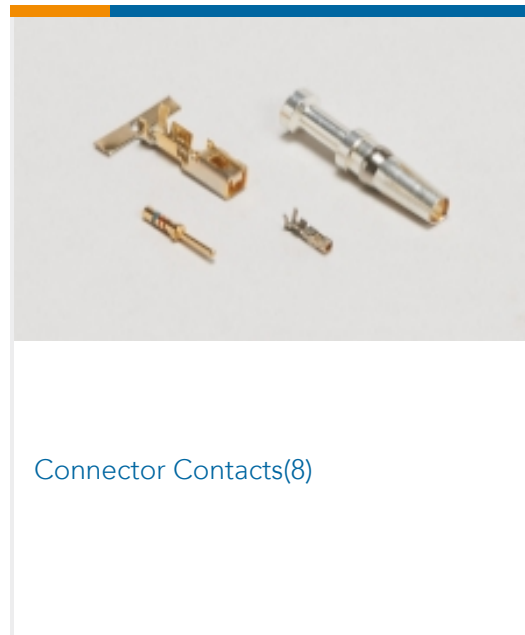
TE Part # 1376478-4
2.5MM SIGNAL MATE CONN HEADER



TE Part # 2321467-1
I/O THROUGH CONNECTOR ASS'Y 4P



Also in the Series | AMP Signal Double Lock



Customers Also Bought



Documents

Product Drawings

2.5MM PITCH SIGNAL MATE CONN

English

CAD Files

Customer View Model

[ENG_CVM_CVM_1376477-4_E.2d_dxf.zip](#)

English

3D PDF

3D

Customer View Model

[ENG_CVM_CVM_1376477-4_E.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_1376477-4_E.3d_stp.zip](#)

English

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Product Specifications

Application Specification

English

Product Environmental Compliance

[MD_1376477-4_08132018641_dmtec](#)

English

[MD_1376477-4_08132018641_dmtec](#)

English

1376477-4

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[Agency Approvals](#)

[UL Report](#)

English