

1743492-1 ✓ ACTIVE



## AMP Signal Double Lock

TE Internal #: 1743492-1

Housing, Plug, Wire-to-Wire, 3 Position, 4.1 mm [.161 in] Centerline,  
Crimp, 1 Row, Natural, Mating Retention, Wire & Cable, AMP  
Signal Double Lock

[View on TE.com >](#)

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-Wire**

Number of Positions: **3**

Centerline (Pitch): **4.1 mm [.161 in]**

### Features

#### Product Type Features

Connector Product Type	Housing
Connector & Housing Type	Plug
Connector System	Wire-to-Wire
Sealable	No
Connector & Contact Terminates To	Wire & Cable

#### Configuration Features

Number of Positions	3
Number of Rows	1

#### Electrical Characteristics

Operating Voltage	50 VAC
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#### Contact Features

Contact Layout	Inline
Contact Type	Pin



### Termination Features

Termination Method to Wire & Cable	Crimp
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### 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 Entry Configuration	Both Ends Closed
Housing Material	PC/PET
Centerline (Pitch)	4.1 mm [.161 in]
Housing Color	Natural

### Dimensions

Connector Length	20.3 mm [.798 in]
Connector Height	4.9 mm [.193 in]

### Usage Conditions

Operating Temperature Range	-30 – 105 °C [-22 – 221 °F]
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### Operation/Application

Circuit Application	Power & Signal
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### Industry Standards

UL Flammability Rating	UL 94V-0
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### Packaging Features

Packaging Quantity	1000
Packaging Method	Bag

### 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 2022 (224)

Candidate List Declared Against: JUNE 2022 (224)

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 # CAT-SI261-C1701  
STD Temp Signal Double Lock Cap



TE Part # 1376477-3  
2.5MM PITCH SIGNAL MATE CONN



TE Part # 1746063-1  
2.5SDL PLUG HSG 14P NAT



TE Part # CAT-526SDL-SEALHS  
2.5mm Sealed Connector: Housings, Signal Double Lock Connectors



TE Part # 1376477-5  
2.5MM PITCH SIGNAL MATE CONN



TE Part # 1376477-6  
2.5MM PITCH SIGNAL MATE CONN



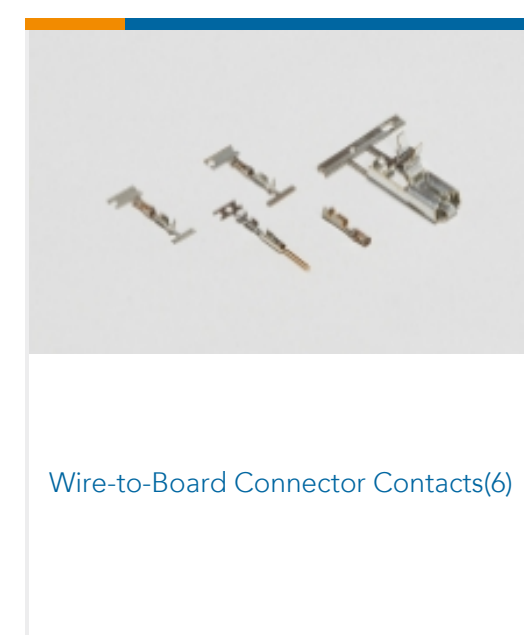
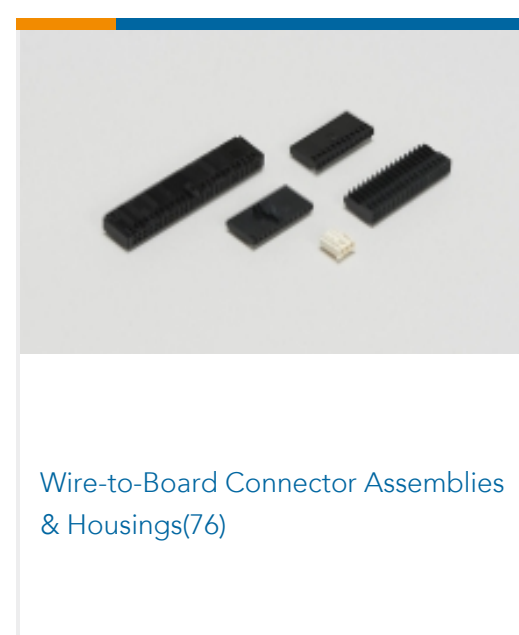
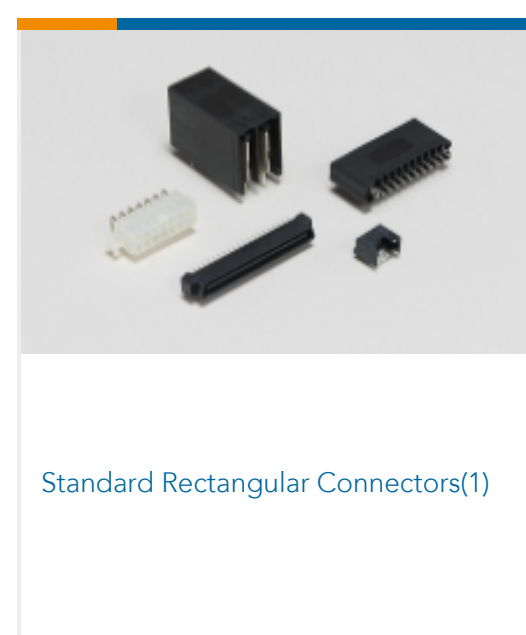
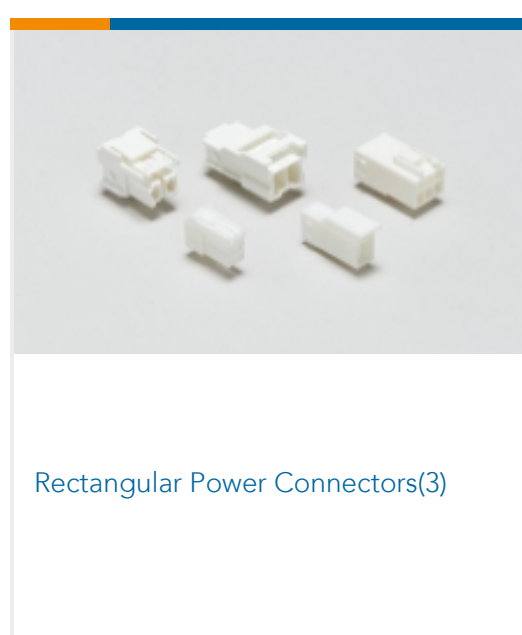
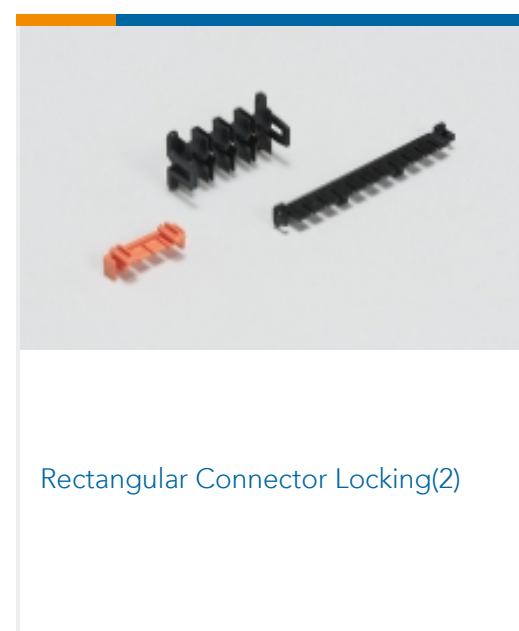
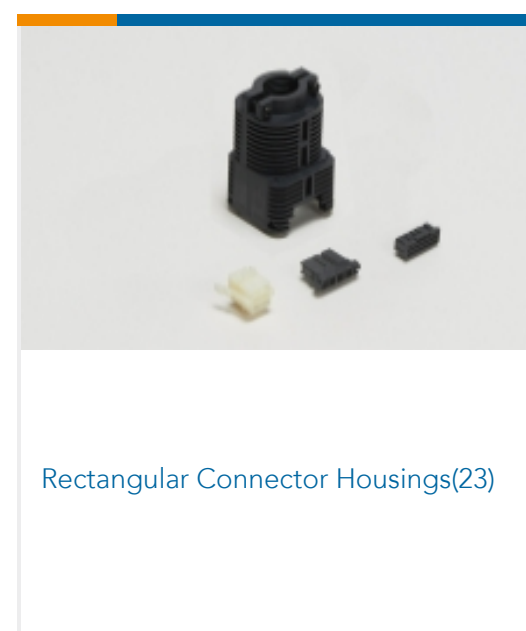
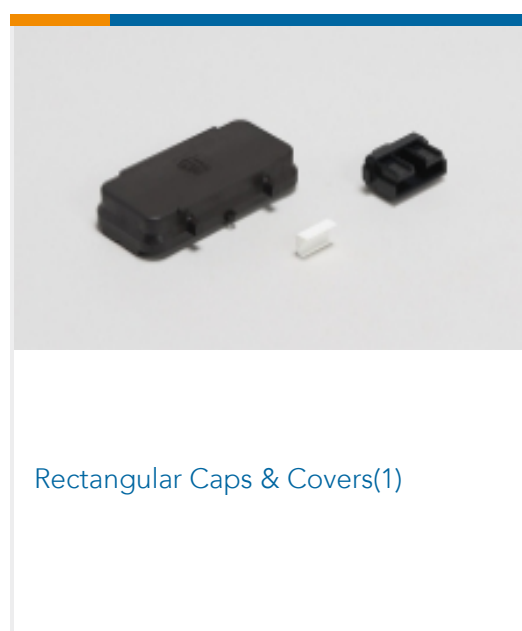
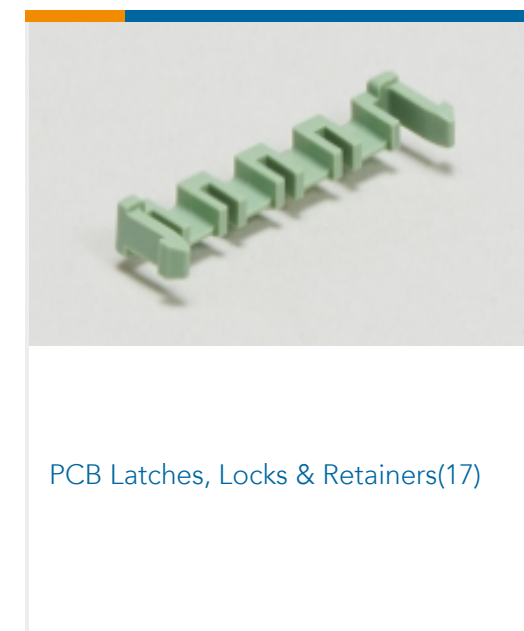
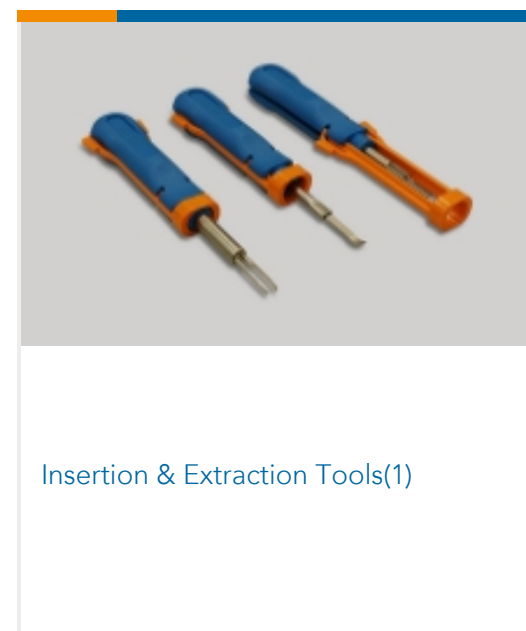
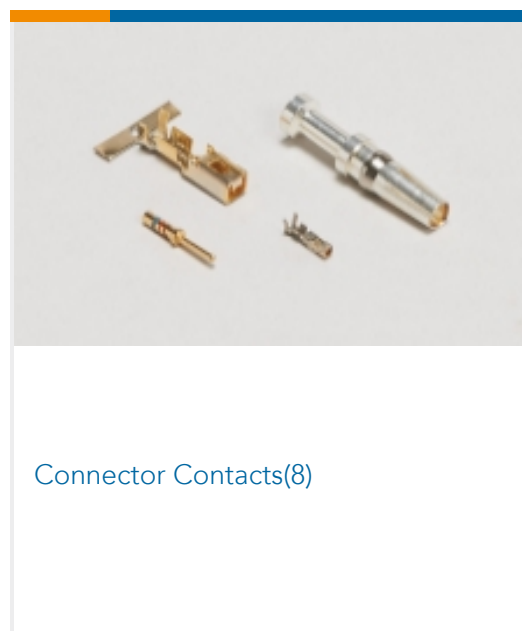
TE Part # 1376477-4  
2.5MM PITCH SIGNAL MATE CONN



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



## Also in the Series | AMP Signal Double Lock



## Documents

### Product Drawings

[BLOWER MOTOR 3P PLUG HSG](#)

English

### CAD Files

[3D PDF](#)

[3D](#)

[Customer View Model](#)



[ENG\\_CVM\\_CVM\\_1743492-1\\_B.2d\\_dxf.zip](#)

English

**Customer View Model**

[ENG\\_CVM\\_CVM\\_1743492-1\\_B.3d\\_igs.zip](#)

English

**Customer View Model**

[ENG\\_CVM\\_CVM\\_1743492-1\\_B.3d\\_stp.zip](#)

English

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## Product Specifications

[Product Specification](#)

English

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## Agency Approvals

[Agency Approval Document](#)

English