

1-1376477-2 ✓ ACTIVE



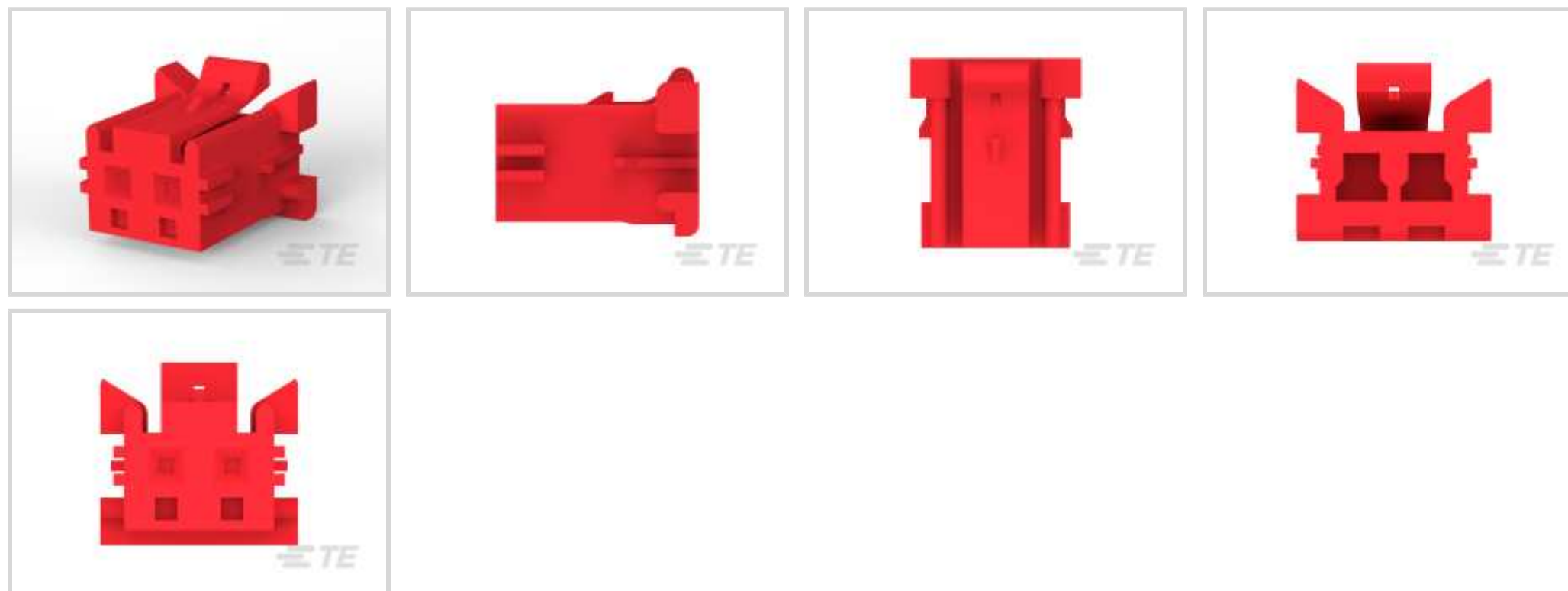
## AMP Signal Double Lock

TE Internal #: 1-1376477-2

Housing, Plug, Wire-to-Board, 2 Position, 2.5 mm [.1 in] Centerline,  
Crimp, 1 Row, Red, Mating Retention, 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-Board**

Number of Positions: **2**

Centerline (Pitch): **2.5 mm [.1 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	2
Number of Rows	1

#### Electrical Characteristics

Operating Voltage	50 VAC
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#### Contact Features

Contact Layout	Inline
Contact Type	Pin
Contact Base Material	Phosphor Bronze



Contact Current Rating (Max)	2.5 A
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### Termination Features

Termination Method to Wire & Cable	Crimp
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### Mechanical Attachment

Strain Relief	Without
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Panel Mount Feature	Without
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PCB Mount Retention	Without
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Mating Retention Type	Latch
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Mating Retention	With
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Connector Mounting Type	Cable Mount (Free-Hanging)
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### Housing Features

Housing Material	Nylon 66 GF
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Centerline (Pitch)	2.5 mm [.1 in]
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Housing Color	Red
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### Dimensions

Connector Length	7.5 mm [.295 in]
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Connector Height	6.5 mm [.256 in]
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Wire Size	.12 – .38 mm <sup>2</sup>
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### 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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### Packaging Features

Packaging Quantity	600
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Packaging Method	Bag
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### Product Compliance

[For compliance documentation, visit the product page on TE.com>](#)

EU RoHS Directive 2011/65/EU	Compliant
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EU ELV Directive 2000/53/EC	Compliant
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China RoHS 2 Directive MIIT Order No 32, 2016	No Restricted Materials Above Threshold
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EU REACH Regulation (EC) No. 1907/2006	
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Current ECHA Candidate List: JAN 2023  
(233)  
Candidate List Declared Against: JAN 2023  
(233)  
Does not contain REACH SVHC

Halogen Content	Not Low Halogen - contains Br or Cl > 900 ppm.
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Solder Process Capability	Not applicable for solder process capability
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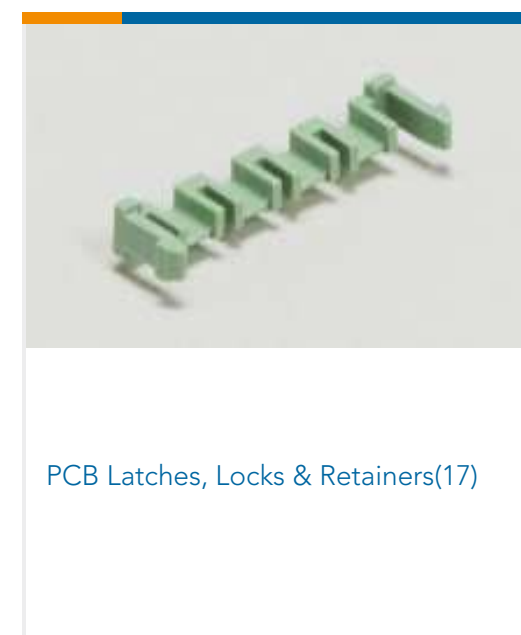
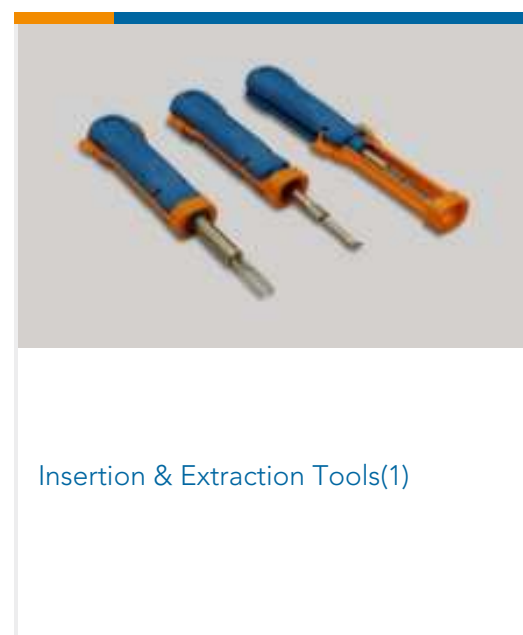
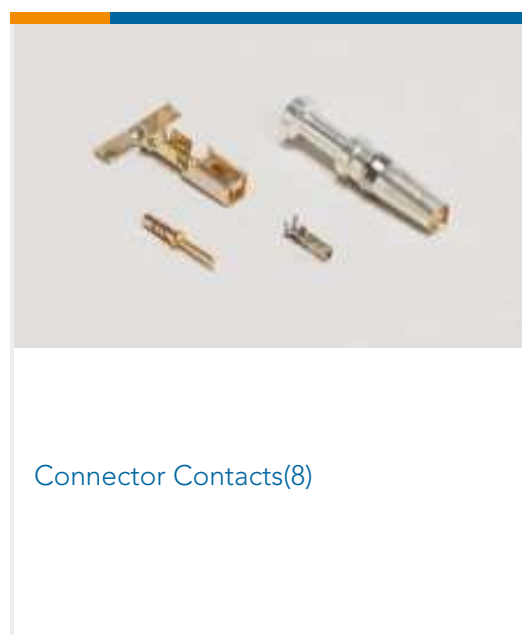
Product Compliance Disclaimer

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



## Also in the Series | AMP Signal Double Lock





Rectangular Caps &amp; Covers(1)



Rectangular Connector Housings(23)



Rectangular Connector Locking(2)



Rectangular Connector Seals(10)



Rectangular Power Connectors(3)

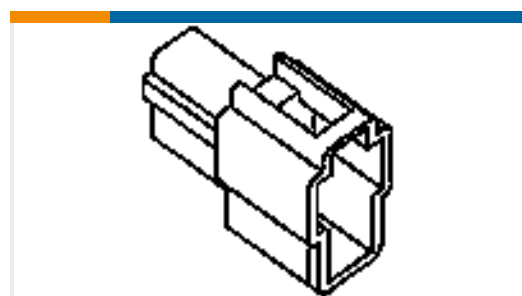
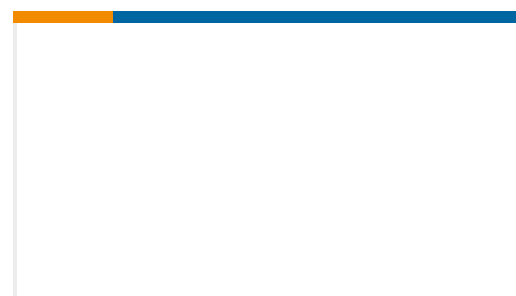


Standard Rectangular Connectors(1)

Wire-to-Board Connector Assemblies  
& Housings(76)

Wire-to-Board Connector Contacts(6)

## Customers Also Bought

TE Part #172129-1  
FF 250 PLUG HSG 2P NYLON NATTE Part #1376477-2  
2.5MM PITCH SIGNAL MATE CONNTE Part #3-1971030-4  
4POS Plug Housing for GIC 2.0 EV  
Series

## Documents

### Product Drawings

#### 2.5MM PITCH SIGNAL MATE CONN

English

### CAD Files

#### Customer View Model

[ENG\\_CVM\\_CVM\\_1-1376477-2\\_E.2d\\_dxf.zip](#)

English

### 3D PDF

3D

#### Customer View Model

[ENG\\_CVM\\_CVM\\_1-1376477-2\\_E.3d\\_igs.zip](#)

English

#### Customer View Model

[ENG\\_CVM\\_CVM\\_1-1376477-2\\_E.3d\\_stp.zip](#)

English

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

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Housing, Plug, Wire-to-Board, 2 Position, 2.5 mm [.1 in] Centerline, Crimp, 1 Row,  
Red, Mating Retention, AMP Signal Double Lock



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[Product Specifications](#)

[Application Specification](#)

English