

1376477-4 ✓ ACTIVE

## AMP Signal Double Lock

TE Internal #: 1376477-4

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

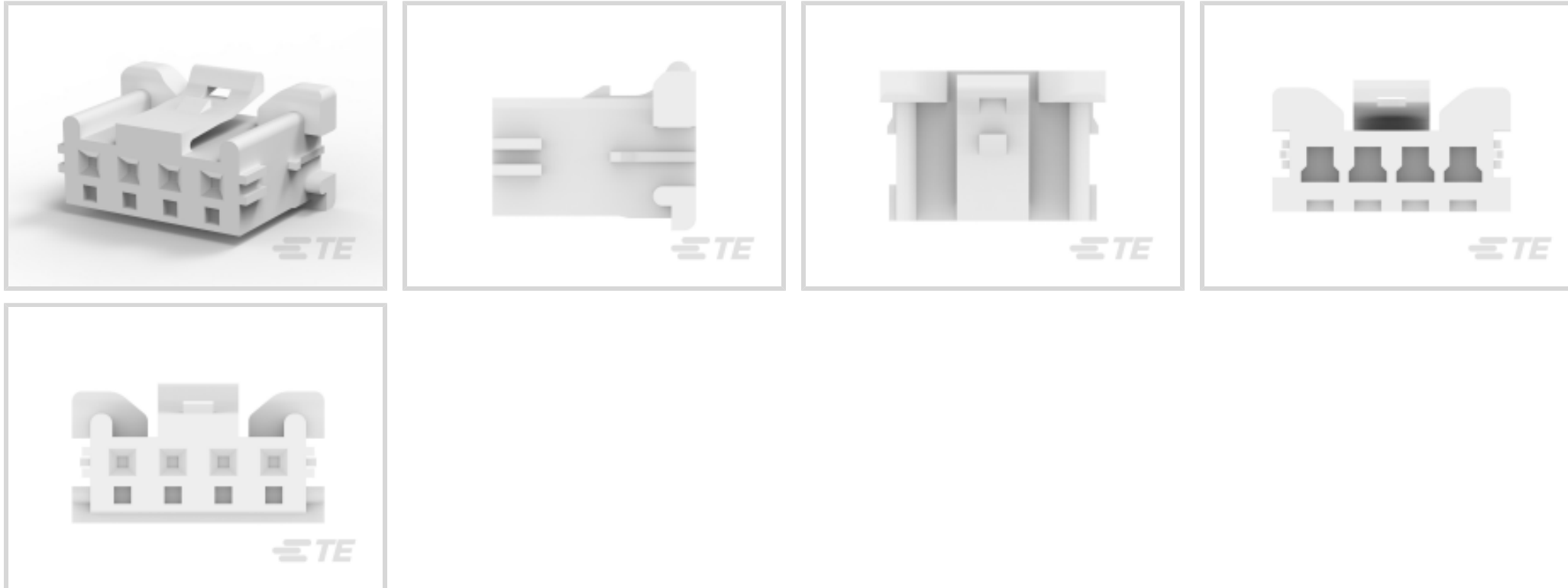
Centerline, Crimp, 1 Row, Natural, Printed Circuit Board, AMP

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: **4**

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

### Features

#### Electrical Characteristics

Operating Voltage	50 VDC
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#### Industry Standards

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

Packaging Method	Bag & Box
Packaging Quantity	400

#### Dimensions

Connector Height	6.5 mm[.256 in]
Wire Size	26 – 22 AWG
Connector Length	12.5 mm[.492 in]

#### Contact Features

Contact Layout	Inline
Contact Base Material	Phosphor Bronze



Contact Type	Pin
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Contact Current Rating (Max)	2.5 A
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### Mechanical Attachment

Strain Relief	Without
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Panel Mount Feature	Without
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Mating Retention Type	Latch
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PCB Mount Retention	Without
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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 [.098 in]
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### Product Type Features

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

Number of Positions	4
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Number of Rows	1
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### Body Features

Primary Product Color	Natural
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### Termination Features

Termination Method to Wire & Cable	Crimp
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### Usage Conditions

Operating Temperature Range	-40 – 105 °C [-40 – 221 °F]
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### Operation/Application

Circuit Application	Power & Signal
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### Other

EU RoHS Compliance	Compliant
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EU ELV Compliance

Compliant

### 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 2024 (241) Candidate List Declared Against: JUNE 2024 (241) 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 # 1473585-1  
I/O THROUGH CONNECTOR ASS'Y  
4P



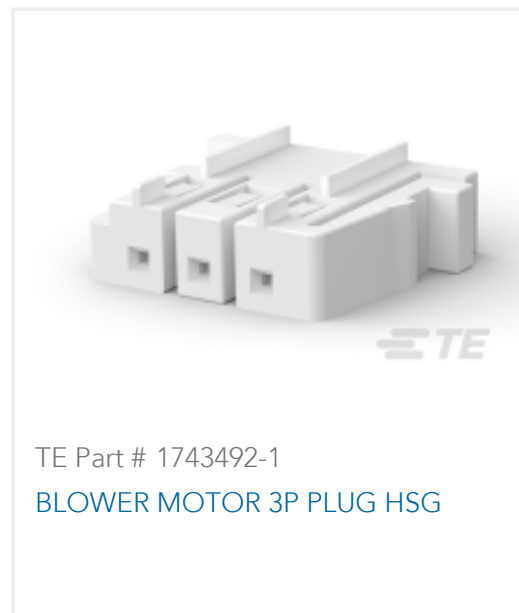
TE Part # 2321467-1  
I/O THROUGH CONNECTOR ASS'Y  
4P



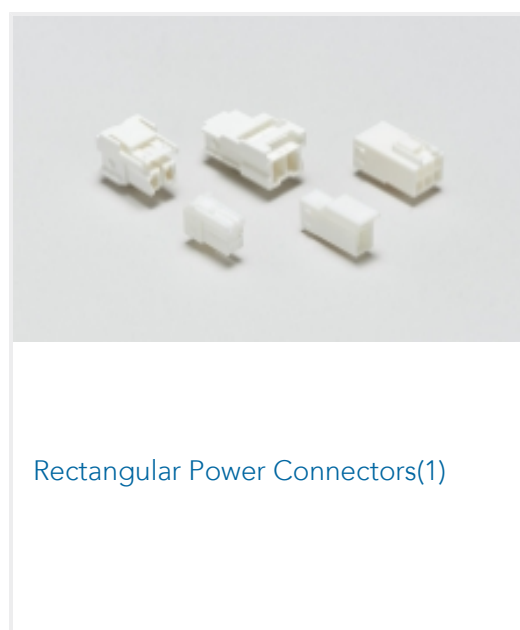
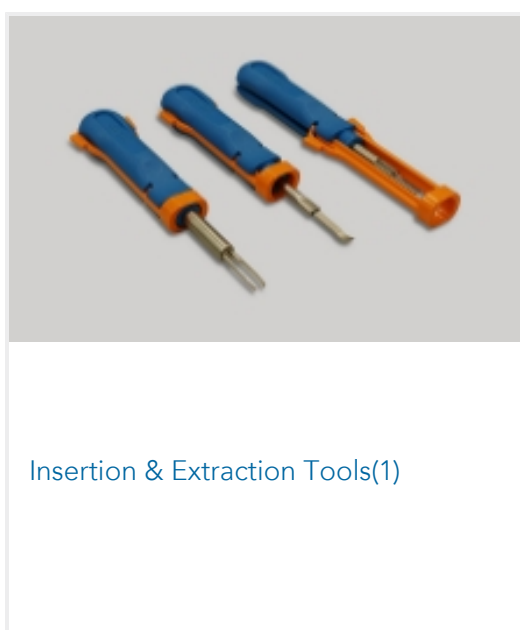
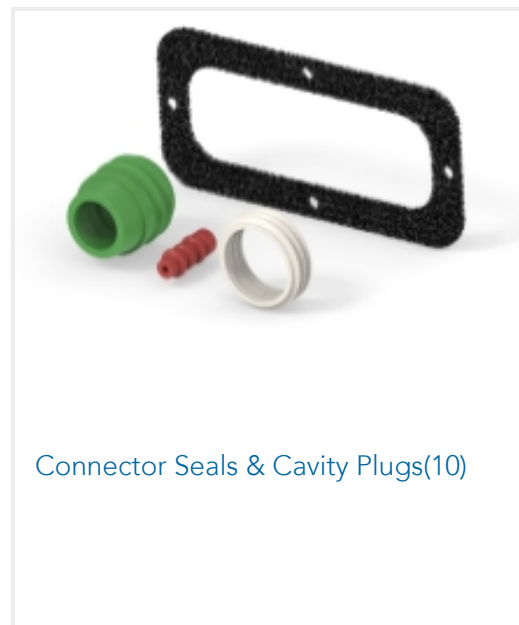
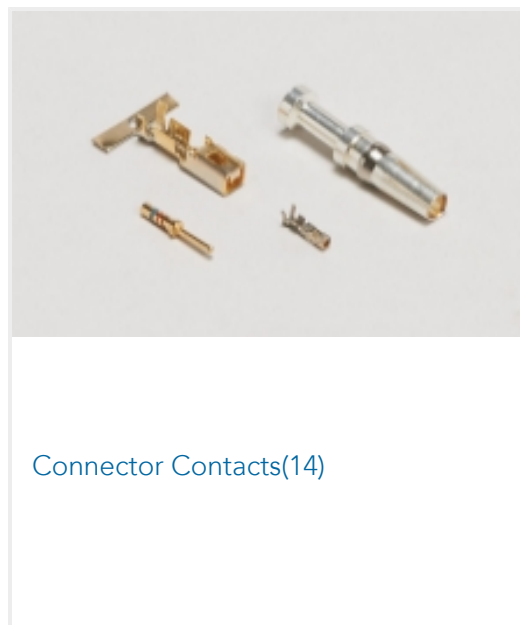
TE Part # 2-1376477-4  
2.5MM PITCH SIGNAL MATE CONN



TE Part # 1717567-4  
DBL LOCK PLATE FOR SMC PLUG 4P



Also in the Series | AMP Signal Double Lock

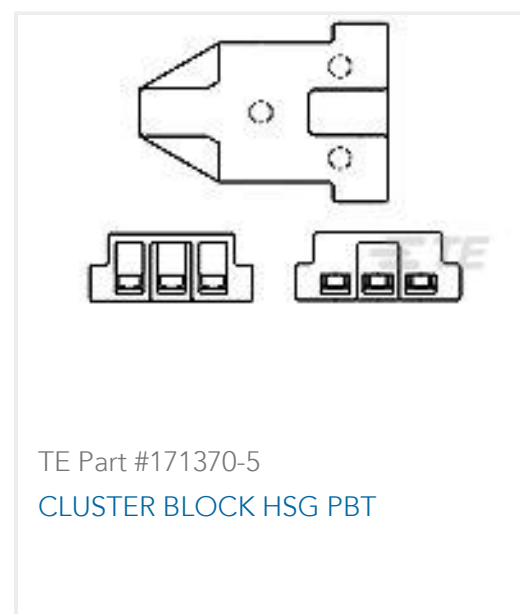


Customers Also Bought





TE Part #3-1123823-1  
EP IP PLUG BLUE



TE Part #171370-5  
CLUSTER BLOCK HSG PBT



TE Part #1747591-1  
GRACE INERTIA CONN 2.5 REC  
CONTACT



TE Part #3-520402-2  
ULTRA-FAST 187 ASY REC 16-14 AWG  
TPBR



TE Part #1565080-1  
GRACE INERTIA 3.5 TAB CONTACT(L)



TE Part #2371020-7  
DBL LOCK PLATE FOR SMC PLUG 7P

## 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