

316086-1 ✓ ACTIVE



## AMP Signal Double Lock

TE Internal #: 316086-1

Housing, Plug, Wire-to-Wire, 2 Position, .098 in [2.5 mm] 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 >

STD Temp Signal Double Lock Cap



Connector Product Type: **Housing**

Connector & Housing Type: **Plug**

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

Number of Positions: **2**

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

[All STD Temp Signal Double Lock Cap \(21\)](#)

## 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	2
Number of Rows	1

### Electrical Characteristics

Operating Voltage	250 VAC
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### Body Features

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Primary Product Color	Natural
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### Contact Features

Contact Layout	Inline
Contact Type	Tab
Contact Base Material	Phosphor Bronze
Contact Current Rating (Max)	3 A

### 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 Material	Nylon 66
Centerline (Pitch)	2.5 mm [.098 in]

### Dimensions

Connector Length	8.1 mm [.319 in]
Connector Height	9.6 mm [.378 in]
Wire Size	26 – 20 AWG

### 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

Glow Wire Rating	Standard Part - Not Glow Wire
UL Flammability Rating	UL 94V-0

### Packaging Features

Packaging Quantity	300
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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 2023 (235) Candidate List Declared Against: JUNE 2023 (235) Does not contain REACH SVHC
Halogen Content	Low Halogen - Br, Cl, F, I < 900 ppm per homogenous material. Also BFR/CFR/PVC Free
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-T111  
Signal Double Lock Tab



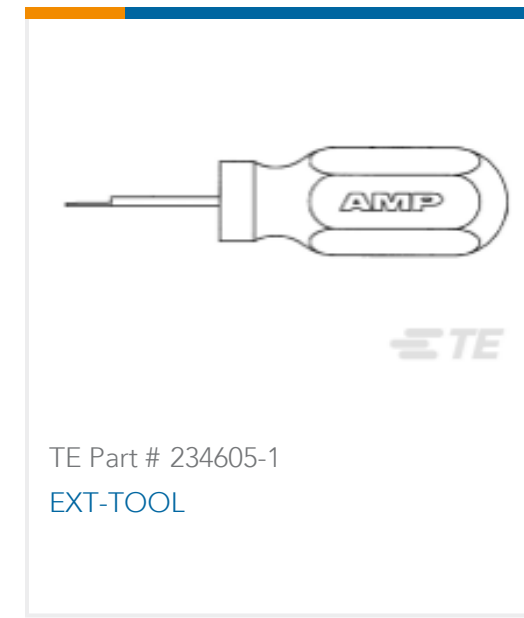
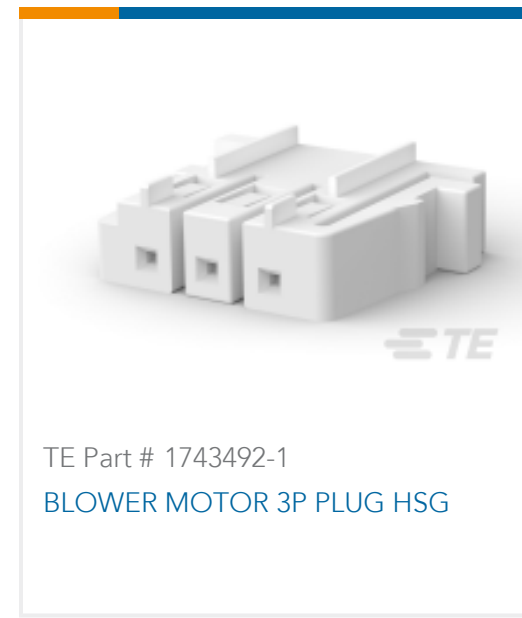
TE Part # CAT-SI261-P729  
STD Temp Signal Double Lock Plug



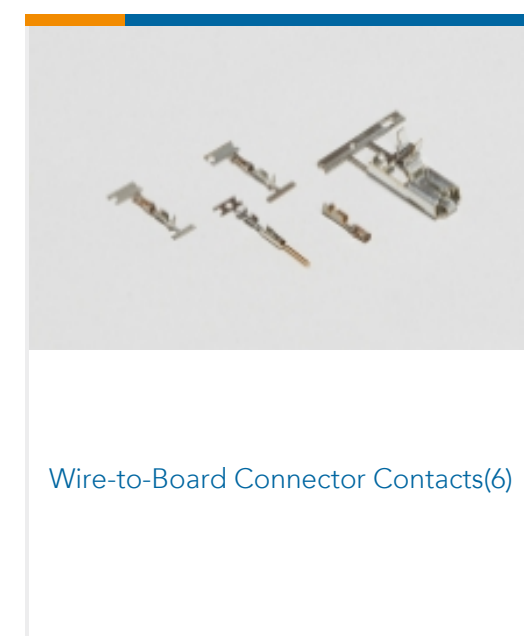
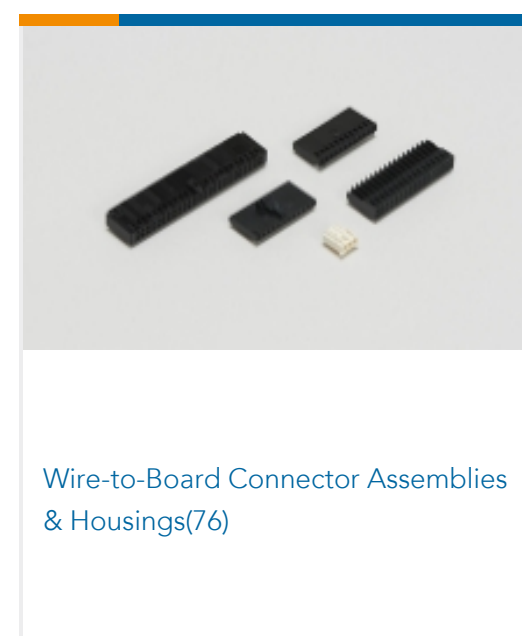
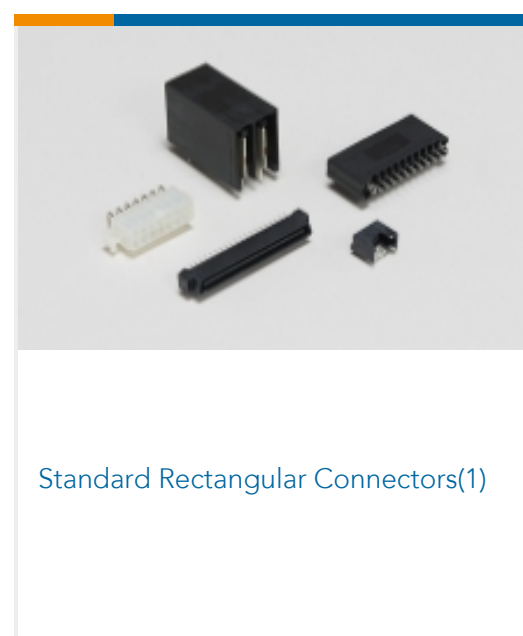
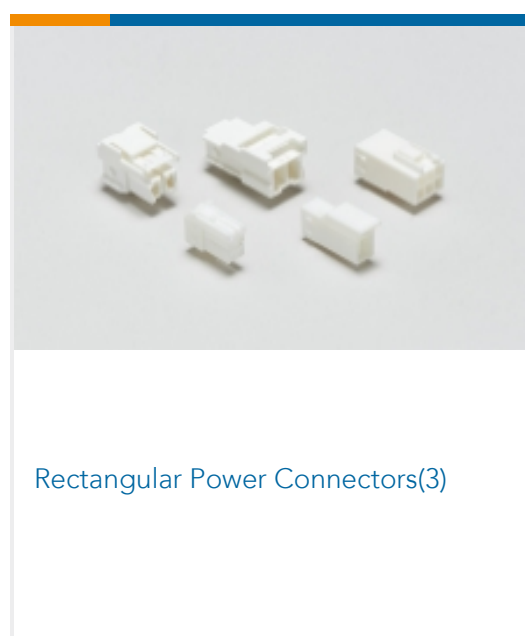
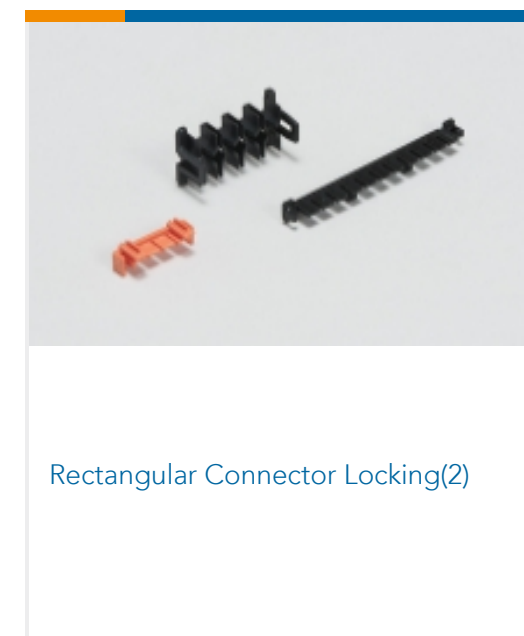
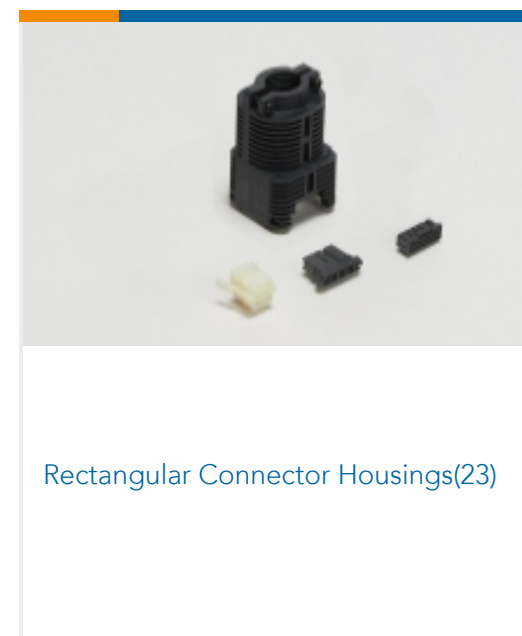
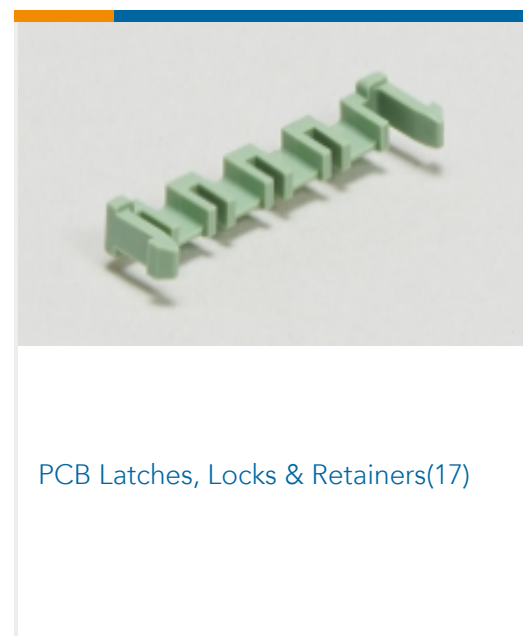
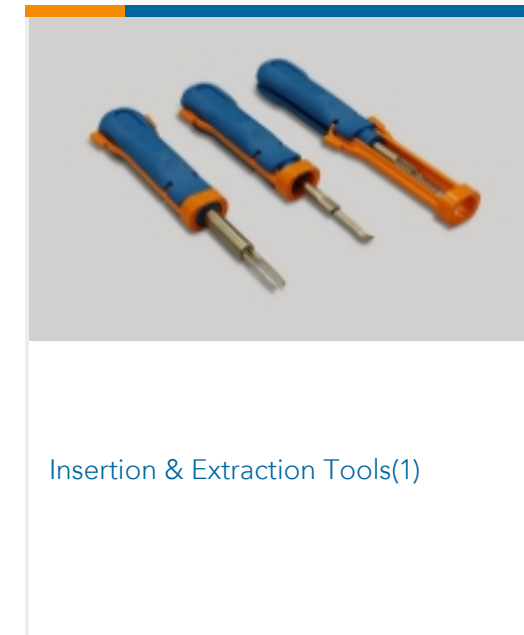
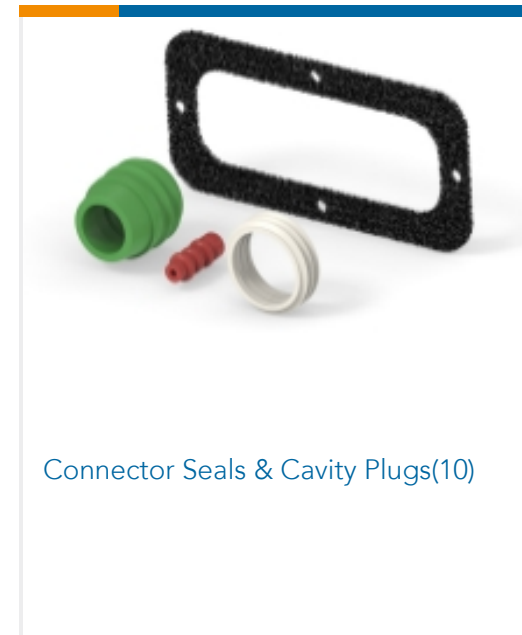
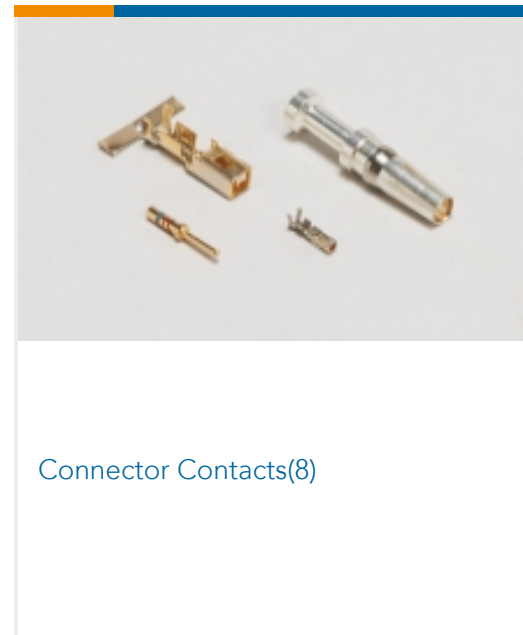
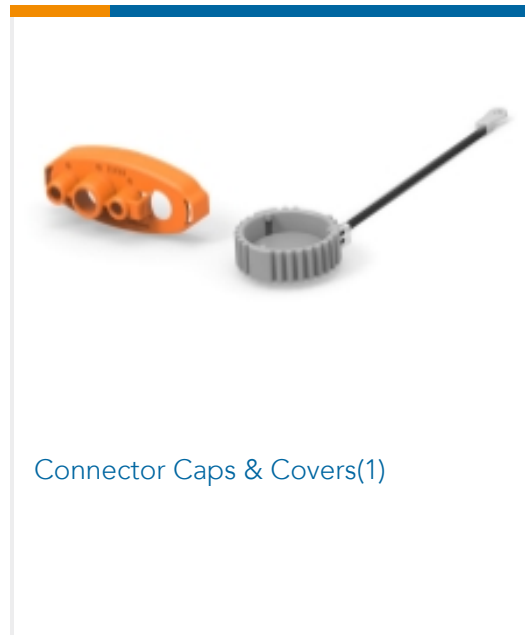
TE Part # 2108505-1  
2.5 SDL 18P CAP HSG 2ROW



TE Part # 5-917686-1  
2.5 SIGNAL D/LOCK PLUG HSG 2P (GWT)



## Also in the Series | AMP Signal Double Lock



## Customers Also Bought





## Documents

### Product Drawings

2.5 SIGNAL D/LOCK CAP HSG 2P

English

### CAD Files

3D PDF

3D

Customer View Model

ENG\_CVM\_CVM\_316086-1\_K.2d\_dxf.zip

English

Customer View Model

ENG\_CVM\_CVM\_316086-1\_K.3d\_igs.zip

English

Customer View Model

ENG\_CVM\_CVM\_316086-1\_K.3d\_stp.zip

English

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

### Datasheets & Catalog Pages

SOFT\_SHELL\_PIN\_AND\_SOCKET\_CONNECTORS\_CATALOG

English

1773458-3\_2.5MM\_SIGNAL\_DOUBLE\_LOCK\_CONNECTORS

English

### Product Environmental Compliance

MD\_316086-1\_06062018822\_dmtec

English

MD\_316086-1\_06062018822\_dmtec

English

### Instruction Sheets

Instruction Sheet (non U.S.)

English

AMP 2.5 SIGNAL DOUBLE LOCK CONNECTOR SERIES

English



**Agency Approvals**

**CSA Certificate**

English

**CSA Certificate**

English