

5-316090-1 ✓ ACTIVE



## AMP Signal Double Lock

TE Internal #: 5-316090-1

Rectangular Connector Housings, Wire-to-Wire, 5.88 Newton Insertion Force, 6 Position, .098 in [2.5 mm] Centerline, 1 Row, AMP Signal Double Lock

[View on TE.com >](#)

Connectors > Rectangular Connectors > Rectangular Connector Housings > Glow Wire Signal Double Lock Cap



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

Insertion Force: **5.88 Newton**

Number of Positions: **6**

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

Row-to-Row Spacing: **2.5 mm [ .01 in ]**

[All Glow Wire Signal Double Lock Cap \(7\)](#)

## Features

### Product Type Features

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

### Configuration Features

Insertion Force	5.88 Newton
Number of Positions	6
Number of Rows	1
Preloaded	No

### Electrical Characteristics



Operating Voltage	250 VDC
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#### Contact Features

Multiple Contact Types	Without
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Shunts/Shorting Bars	Without
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Contact Type	Tab
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Contact Current Rating (Max)	3 A
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#### Mechanical Attachment

Connector Mounting Type	Cable Mount (Free-Hanging)
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#### Housing Features

Centerline (Pitch)	2.5 mm [.098 in]
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Housing Material	Nylon 66
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Housing Color	Natural
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#### Dimensions

Row-to-Row Spacing	2.5 mm [.01 in]
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Length	18.1 mm
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Width	9.6 mm
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#### Usage Conditions

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

Assembly Integration Feature	Without
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Circuit Application	Signal
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#### Identification Marking

Circuit Identification Feature	Without
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#### Industry Standards

CSA Rating	LR 7189
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Agency/Standard	CSA, UL, VDE
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CSA Certified	Yes
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CSA File Number	LR7189
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VDE Tested	Yes
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UL File Number	E28476
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UL Rating	Recognized
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#### Packaging Features



Packaging Quantity	150
Packaging Method	Bag

### Product Compliance

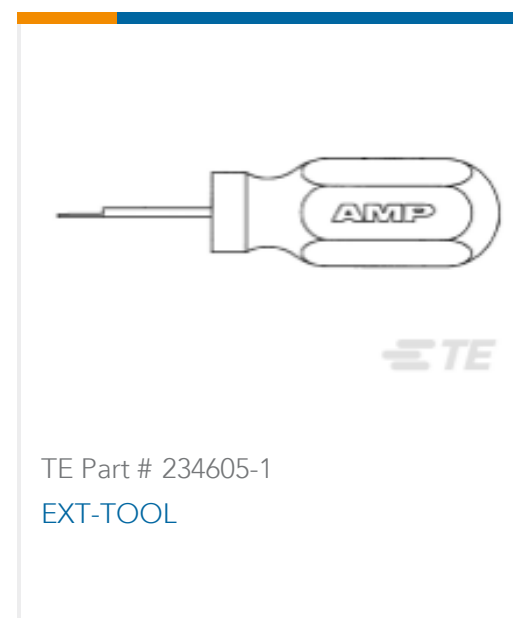
[For compliance documentation, visit the product page on TE.com>](#)

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 reviewed for solder process capability

#### Product Compliance Disclaimer

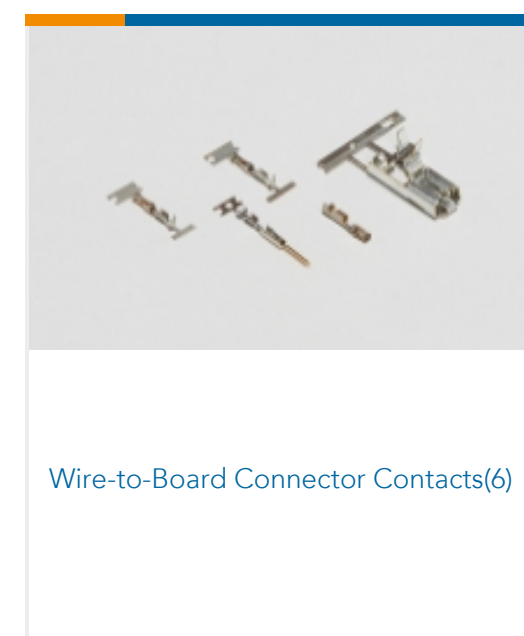
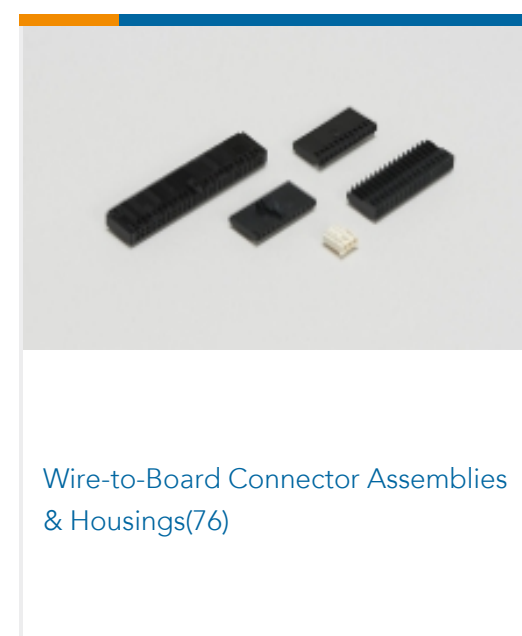
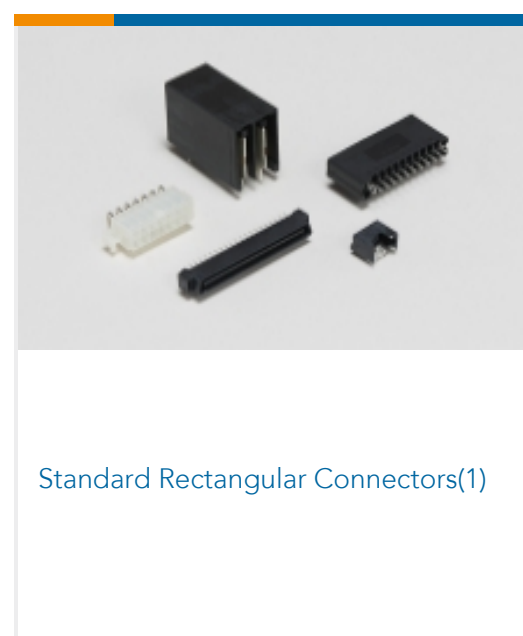
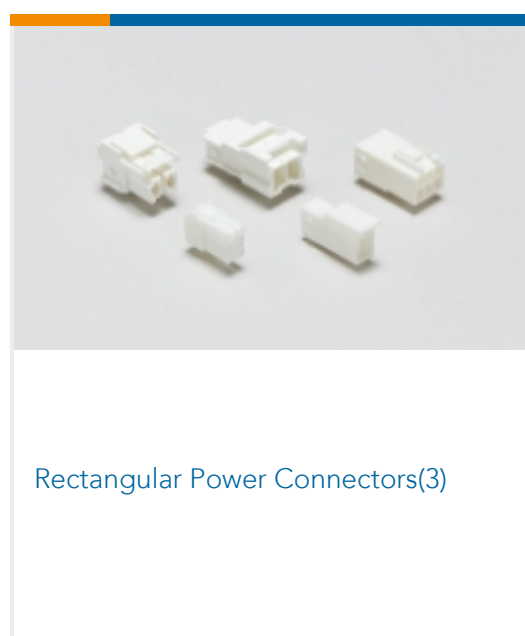
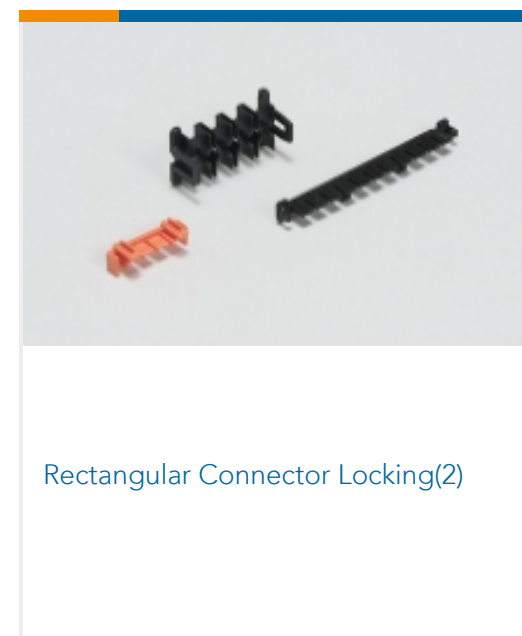
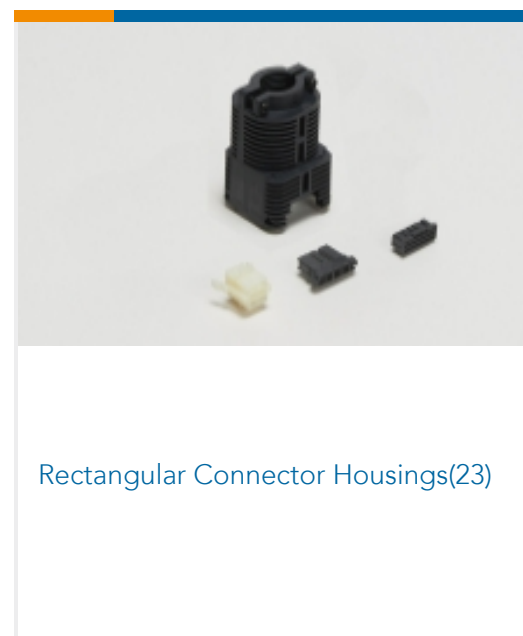
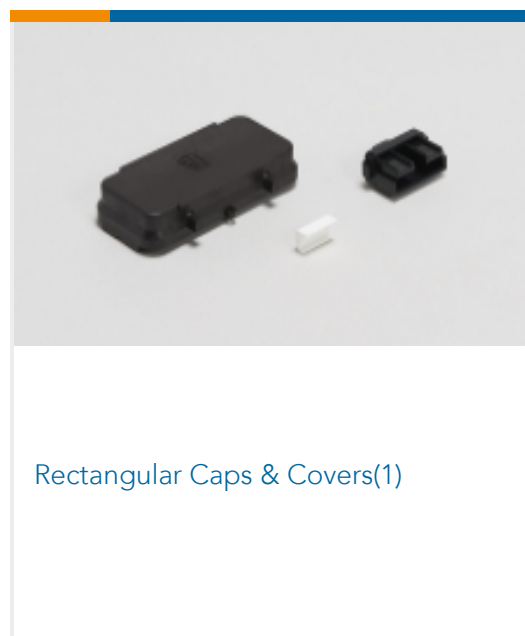
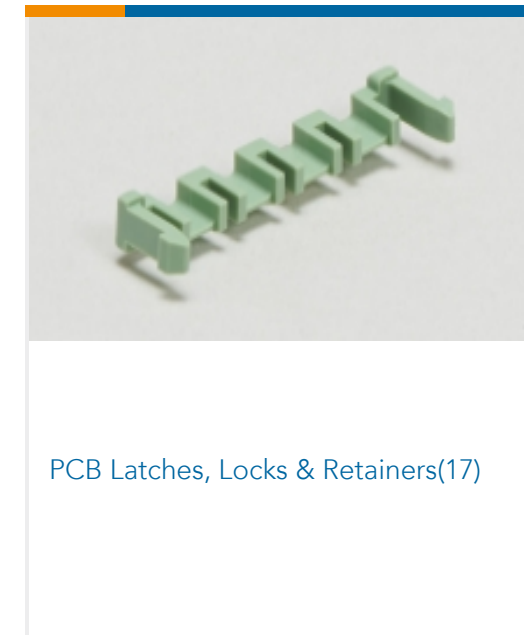
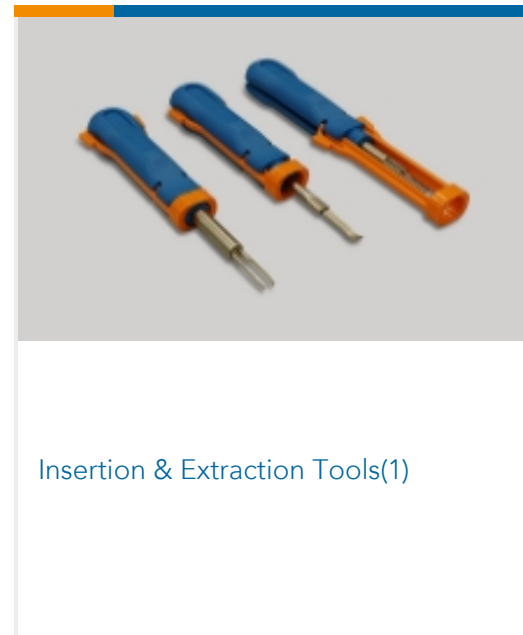
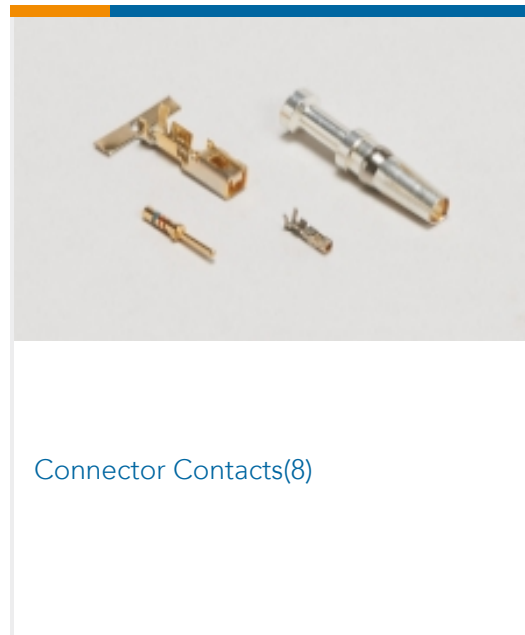
This information is provided based on reasonable inquiry of our suppliers and represents our current actual knowledge based on the information they provided. This information is subject to change. The part numbers that TE has identified as EU RoHS compliant have a maximum concentration of 0.1% by weight 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





## Also in the Series | AMP Signal Double Lock



### Documents

#### Product Drawings

[2.5 SIGNAL D/LOCK CAP HSG 6P\(GWT\)](#)

English

#### CAD Files

[3D PDF](#)

[3D](#)

[Customer View Model](#)



[ENG\\_CVM\\_CVM\\_5-316090-1\\_G.2d\\_dxf.zip](#)

English

**Customer View Model**

[ENG\\_CVM\\_CVM\\_5-316090-1\\_G.3d\\_igs.zip](#)

English

**Customer View Model**

[ENG\\_CVM\\_CVM\\_5-316090-1\\_G.3d\\_stp.zip](#)

English

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### Datasheets & Catalog Pages

[1773458-3\\_2.5MM\\_SIGNAL\\_DOUBLE\\_LOCK\\_CONNECTORS](#)

English