

5-917696-1 ✓ ACTIVE



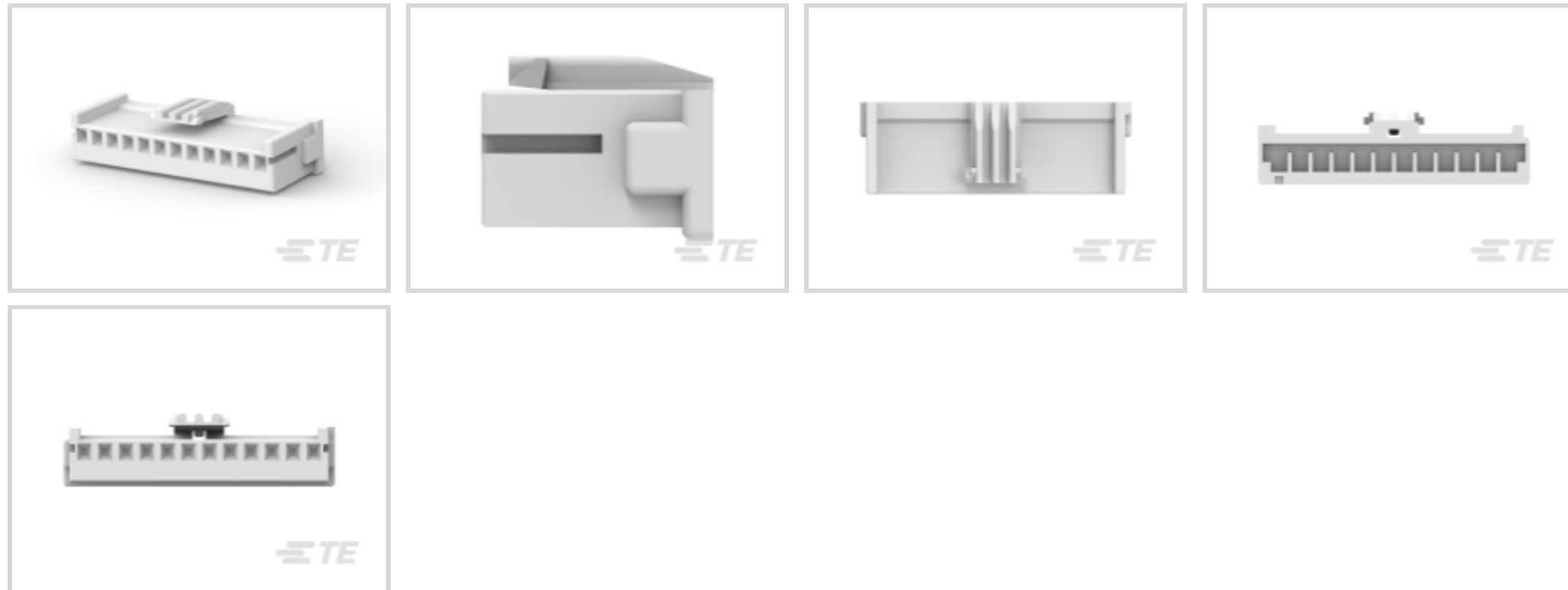
AMP Signal Double Lock

TE Internal #: 5-917696-1

Rectangular Connector Housings, Wire-to-Board, 5.88 Newton Insertion Force, 12 Position, .098 in [2.5 mm] Centerline, 1 Row, AMP Signal Double Lock

[View on TE.com >](#)

Connectors > Rectangular Connectors > Rectangular Connector Housings



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

Insertion Force: **5.88 Newton**

Number of Positions: **12**

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

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

Features

Product Type Features

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

Configuration Features

| | |
|---------------------|-------------|
| Insertion Force | 5.88 Newton |
| Number of Positions | 12 |
| Number of Rows | 1 |
| Preloaded | No |

Electrical Characteristics

| | |
|-------------------|---------|
| Operating Voltage | 250 VDC |
|-------------------|---------|

Contact Features



| | |
|------------------------------|---------|
| Multiple Contact Types | Without |
| Shunts/Shorting Bars | Without |
| Contact Type | Socket |
| Contact Current Rating (Max) | 3 A |

Mechanical Attachment

| | |
|-------------------------|----------------------------|
| Connector Mounting Type | Cable Mount (Free-Hanging) |
|-------------------------|----------------------------|

Housing Features

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

Dimensions

| | |
|--------------------|----------------|
| Row-to-Row Spacing | 2.5 mm[.01 in] |
| Height | 11 mm |

Usage Conditions

| | |
|-----------------------------|----------------------------|
| Operating Temperature Range | -30 – 105 °C[-22 – 221 °F] |
|-----------------------------|----------------------------|

Operation/Application

| | |
|------------------------------|---------|
| Assembly Integration Feature | Without |
| Circuit Application | Signal |

Identification Marking

| | |
|--------------------------------|---------|
| Circuit Identification Feature | Without |
|--------------------------------|---------|

Industry Standards

| | |
|-----------------|--------------|
| CSA Rating | LR 7189 |
| Agency/Standard | CSA, UL, VDE |
| CSA Certified | Yes |
| CSA File Number | LR7189 |
| VDE Tested | Yes |
| UL File Number | E28476 |
| UL Rating | Recognized |

Packaging Features

| | |
|--------------------|-----|
| Packaging Quantity | 200 |
| Packaging Method | Bag |



Product Compliance

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

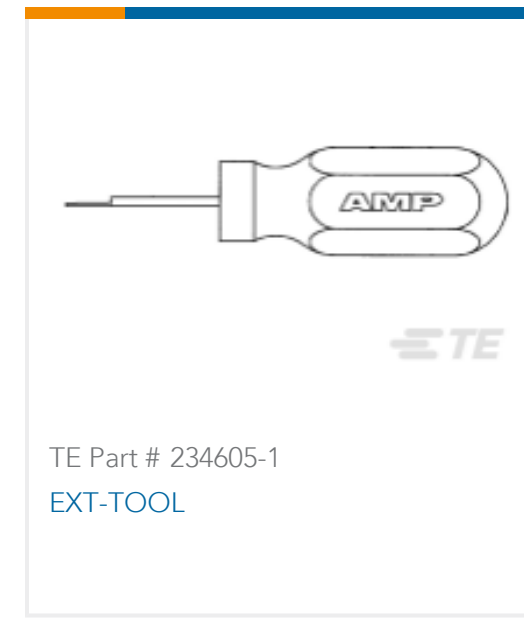
| | |
|---|---|
| EU RoHS Directive 2011/65/EU | Compliant |
| EU ELV Directive 2000/53/EC | Compliant |
| China RoHS 2 Directive MIIT Order No 32, 2016 | No Restricted Materials Above Threshold |
| EU REACH Regulation (EC) No. 1907/2006 | Current ECHA Candidate List: JUNE 2022 (224) Candidate List Declared 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

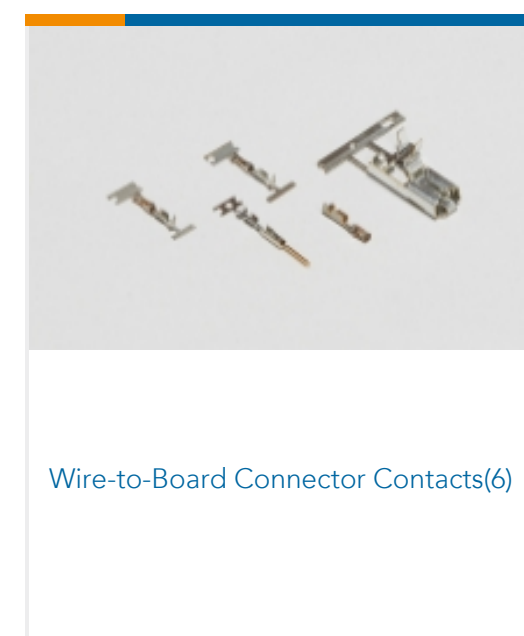
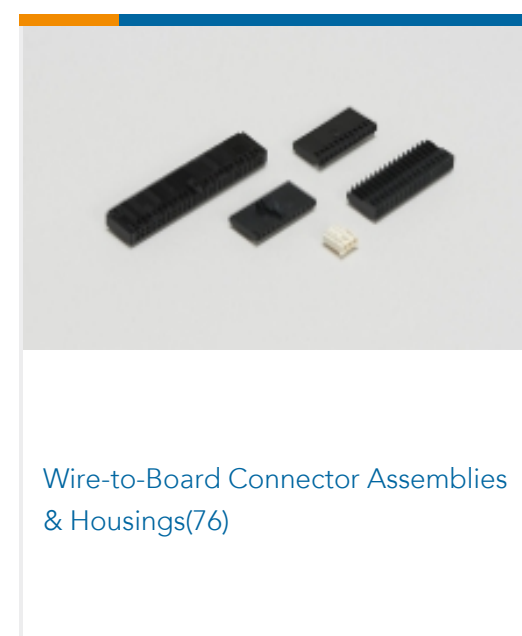
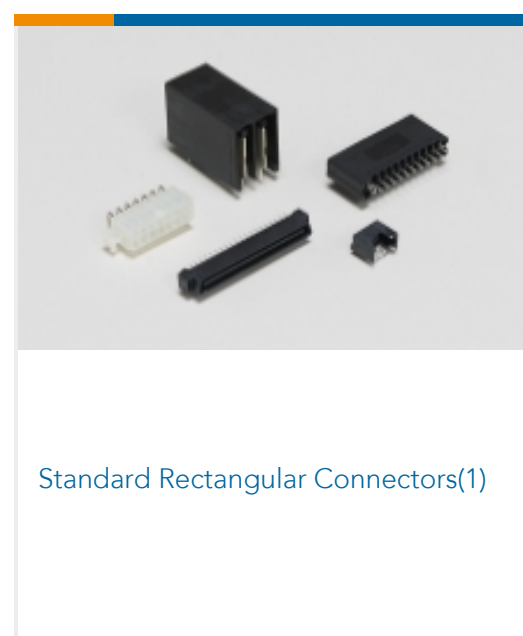
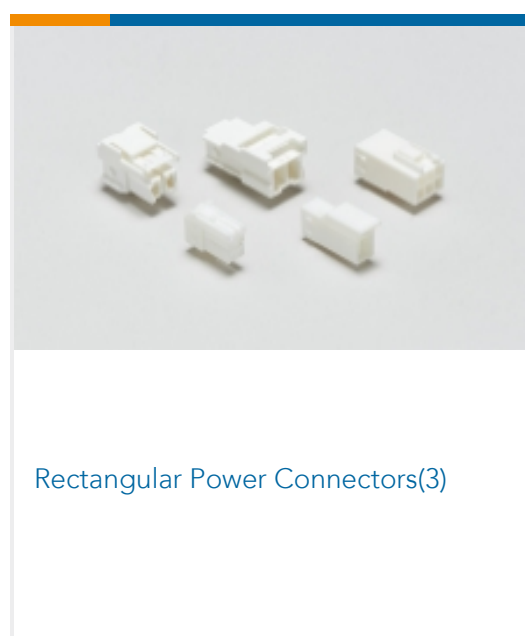
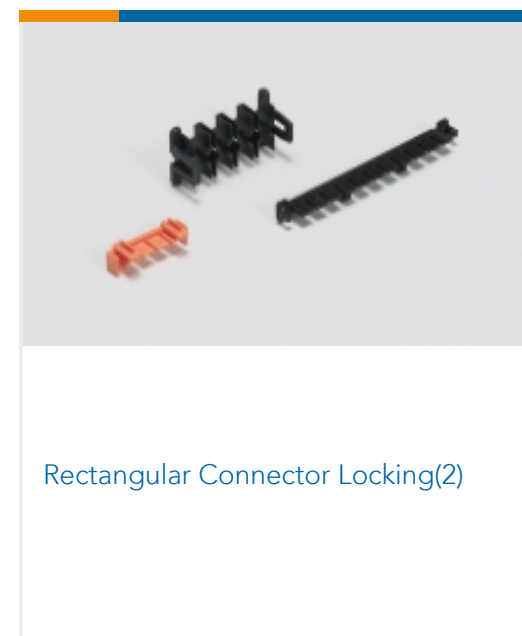
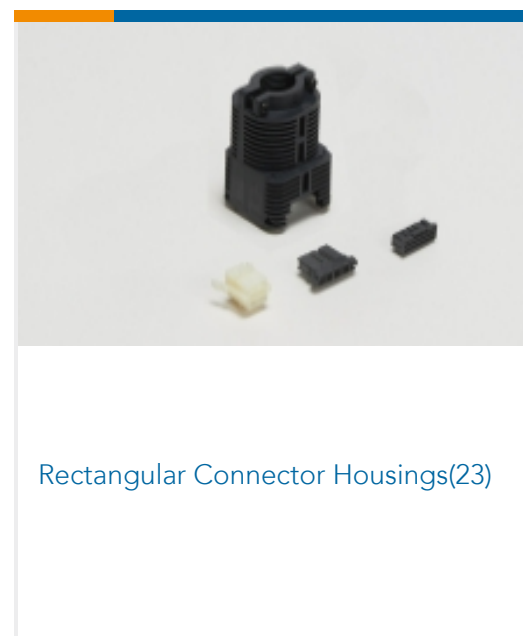
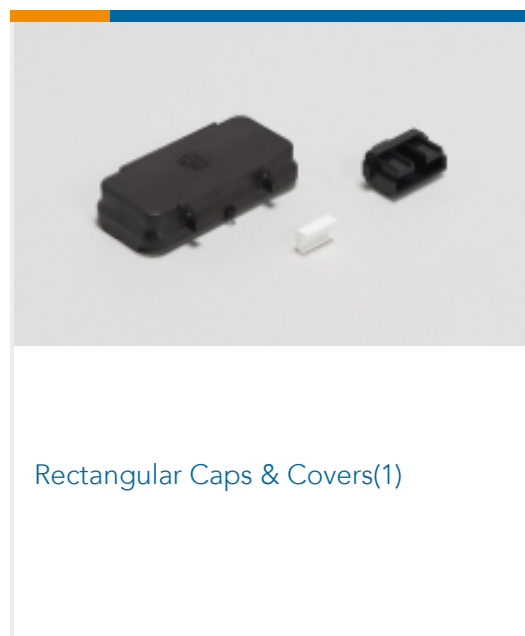
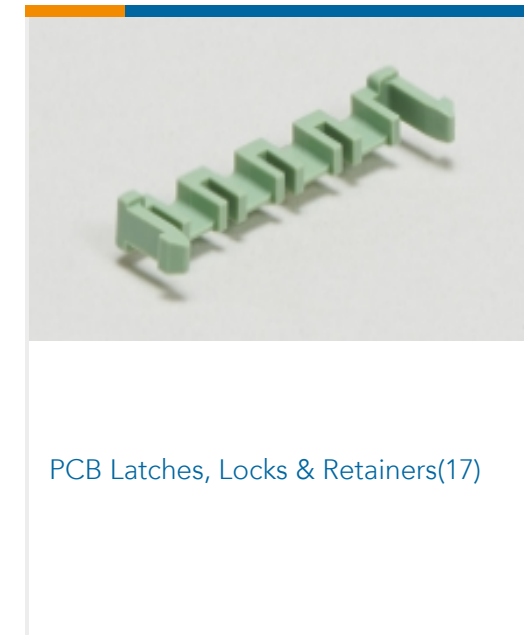
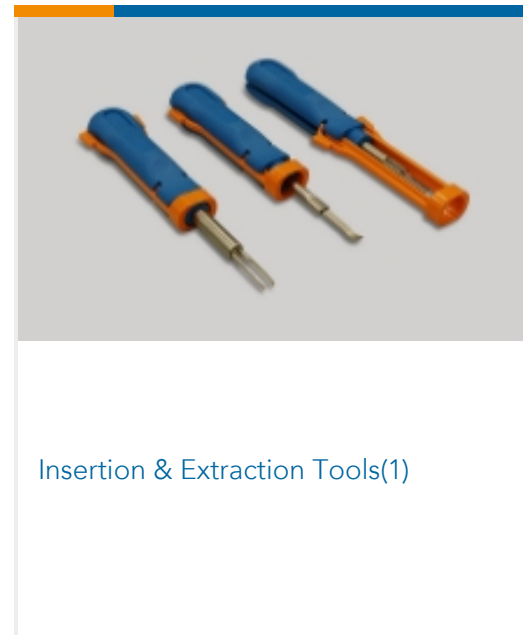
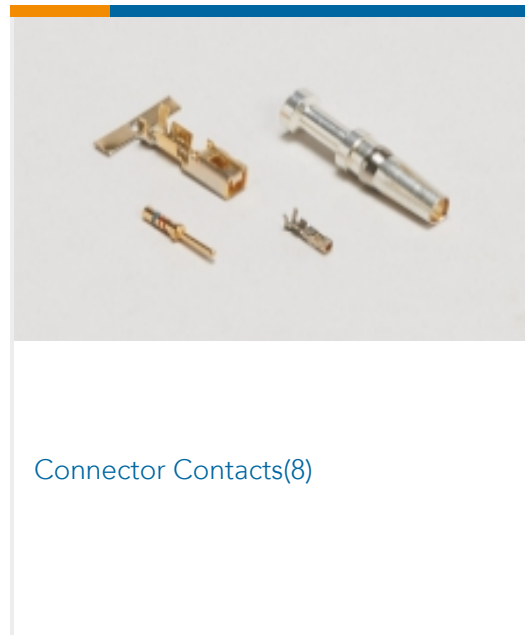
This information is provided based on reasonable inquiry of our suppliers and represents our current actual knowledge based on the information they provided. This information is subject to change. The part numbers that TE has identified as EU RoHS compliant have a maximum concentration of 0.1% by weight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

| | | | |
|--|---|--|--|
|  <p>TE Part # 917708-1 2.5 SIGNAL DBL LOCK D.L.P. 12P</p> |  <p>TE Part # CAT-SI261-R2435 Signal Double Lock Receptacle</p> |  <p>TE Part # 917790-1 2.5 S.D.L POST HDR ASY 12P STD</p> |  <p>TE Part # 917732-1 2.5 SIGNAL D/LOCK HDR ASSY 12P</p> |
|--|---|--|--|



Also in the Series | AMP Signal Double Lock



Documents

Product Drawings

2.5 SIGNAL D/LOCK PLUG HSG 12P

English

CAD Files

3D PDF

3D

Customer View Model



[ENG_CVM_CVM_5-917696-1_R.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_CVM_5-917696-1_R.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_5-917696-1_R.3d_stp.zip](#)

English

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

Datasheets & Catalog Pages

[1773458-3_2.5MM_SIGNAL_DOUBLE_LOCK_CONNECTORS](#)

English