



**AMPLIMITE**

TE Internal #: 205409-2

Box Mount D-Sub Connectors, Plug, Cable-to-Cable, 15 Position, 2 Connector Shell Size, Pin, Contact Size Size 20, 2.77 mm [.109 in] Centerline

[View on TE.com >](#)

Connectors > D-Shaped Connectors > D-Sub Connectors > Box Mount D-Sub Connectors



Connector & Housing Type: **Plug**

Connector System: **Cable-to-Cable**

Number of Positions: **15**

Power/Signal/Coax Combination: **No**

Connector Shell Size: **2**

**Features**

**Product Type Features**

|                                   |                |
|-----------------------------------|----------------|
| Connector & Housing Type          | Plug           |
| Connector System                  | Cable-to-Cable |
| Connector Shell Size              | 2              |
| Sealable                          | No             |
| Connector & Contact Terminates To | Wire & Cable   |

**Configuration Features**

|                               |    |
|-------------------------------|----|
| Number of Positions           | 15 |
| Power/Signal/Coax Combination | No |

**Body Features**

|                                   |                 |
|-----------------------------------|-----------------|
| Rear Shell Material               | Steel           |
| Rear Shell Plating Material       | Cadmium         |
| Front Shell Plating Material      | Cadmium         |
| Mating Retention Feature Material | Stainless Steel |
| Front Shell Material              | Steel           |

**Contact Features**

|                                      |              |
|--------------------------------------|--------------|
| Contact Mating Area Plating Material | Gold         |
| Contact Base Material                | Copper Alloy |
| Contact Type                         | Pin          |



|              |         |
|--------------|---------|
| Contact Size | Size 20 |
|--------------|---------|

|                              |       |
|------------------------------|-------|
| Contact Current Rating (Max) | 7.5 A |
|------------------------------|-------|

### Mechanical Attachment

|                        |                  |
|------------------------|------------------|
| Mounting Hole Diameter | 3.05 mm [.12 in] |
|------------------------|------------------|

|                  |         |
|------------------|---------|
| Mating Alignment | Without |
|------------------|---------|

### Housing Features

|                    |                   |
|--------------------|-------------------|
| Centerline (Pitch) | 2.77 mm [.109 in] |
|--------------------|-------------------|

### Usage Conditions

|                             |                             |
|-----------------------------|-----------------------------|
| Operating Temperature Range | -55 – 125 °C [-67 – 257 °F] |
|-----------------------------|-----------------------------|

### Operation/Application

|                     |        |
|---------------------|--------|
| Circuit Application | Signal |
|---------------------|--------|

### Packaging Features

|                  |         |
|------------------|---------|
| Packaging Method | Package |
|------------------|---------|

## Product Compliance

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

|                              |               |
|------------------------------|---------------|
| EU RoHS Directive 2011/65/EU | Not Compliant |
|------------------------------|---------------|

|                             |               |
|-----------------------------|---------------|
| EU ELV Directive 2000/53/EC | Not Compliant |
|-----------------------------|---------------|

|   |                                      |
|---|--------------------------------------|
| China RoHS 2 Directive MIIT Order No 32, 2016 | Restricted Materials Above Threshold |
|---|--------------------------------------|

|  |   |
|--|---|
| EU REACH Regulation (EC) No. 1907/2006 | Current ECHA Candidate List: JUNE 2023 (235)<br>Candidate List Declared Against: JUNE 2022 (224)<br>SVHC > Threshold:<br>Cd (7.6% in SHELL) |
|--|---|

**Article Safe Usage Statements:**

Use personal protective equipment as required. Do not eat, drink or smoke when using this product. Recycle if possible and dispose of the article by following all applicable governmental regulations relevant to your geographic location.

|                 |                                      |
|-----------------|--------------------------------------|
| Halogen Content | Not Yet Reviewed for halogen content |
|-----------------|--------------------------------------|

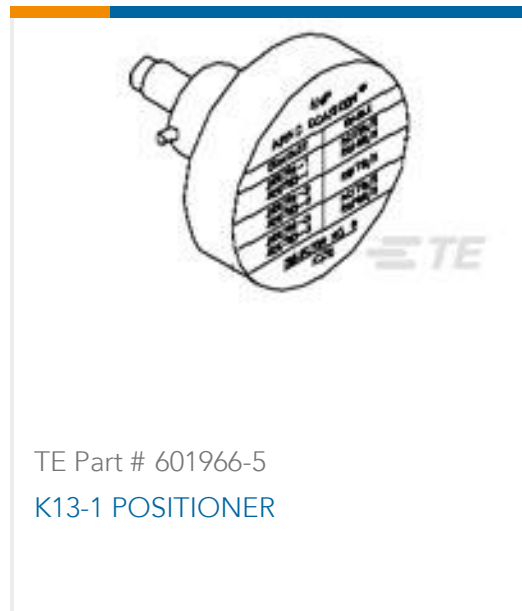
|                           |  |
|---------------------------|--|
| Solder Process Capability | Not applicable for solder process capability |
|---------------------------|--|

#### Product Compliance Disclaimer

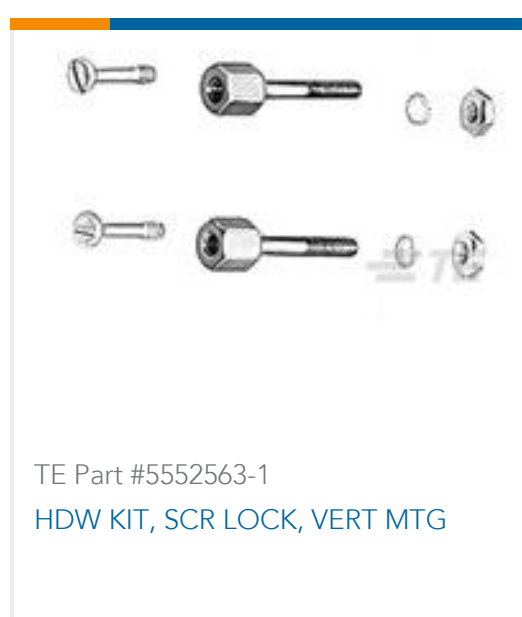
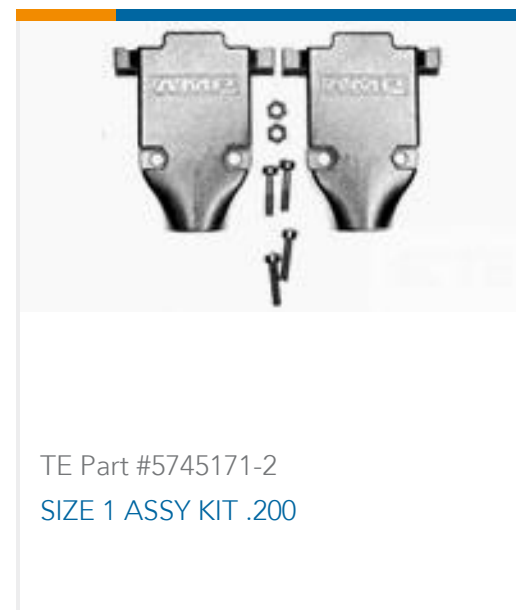
This information is provided based on reasonable inquiry of our suppliers and represents our current actual knowledge based on the information they provided. This information is subject to change. The part numbers that TE has identified as EU RoHS compliant have a maximum concentration of 0.1% by weight 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 Regulations, TE's information on SVHC in articles for this part number is still based on the European Chemical Agency (ECHA) 'Guidance on requirements for substances in articles' (Version: 2, April 2011), applying the 0.1% weight on weight concentration threshold at the finished product level. TE is aware of the European Court of Justice ruling of September 10th, 2015 also known as O5A (Once An Article Always An Article) stating that, in case of 'complex object', the threshold for a SVHC must be applied to both the product as a whole and simultaneously to each of the articles forming part of its composition. TE has evaluated this ruling based on the new ECHA "Guidance on requirements for substances in articles" (June 2017, version 4.0) and will be updating its statements accordingly.

## Compatible Parts



## Customers Also Bought



## Documents

### Product Drawings

[AMPLIMITE,ASY,PLUG,FB,109,2,CONT](#)

English

### CAD Files

[3D PDF](#)

3D

[Customer View Model](#)

[ENG\\_CVM\\_CVM\\_205409-2\\_H.2d\\_dxf.zip](#)



English

**Customer View Model**

[ENG\\_CVM\\_CVM\\_205409-2\\_H.3d\\_igs.zip](#)

English

**Customer View Model**

[ENG\\_CVM\\_CVM\\_205409-2\\_H.3d\\_stp.zip](#)

English

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

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**Datasheets & Catalog Pages**

[1308940\\_Sec8\\_amplimite](#)

English

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**Agency Approvals**

[UL Report](#)

English