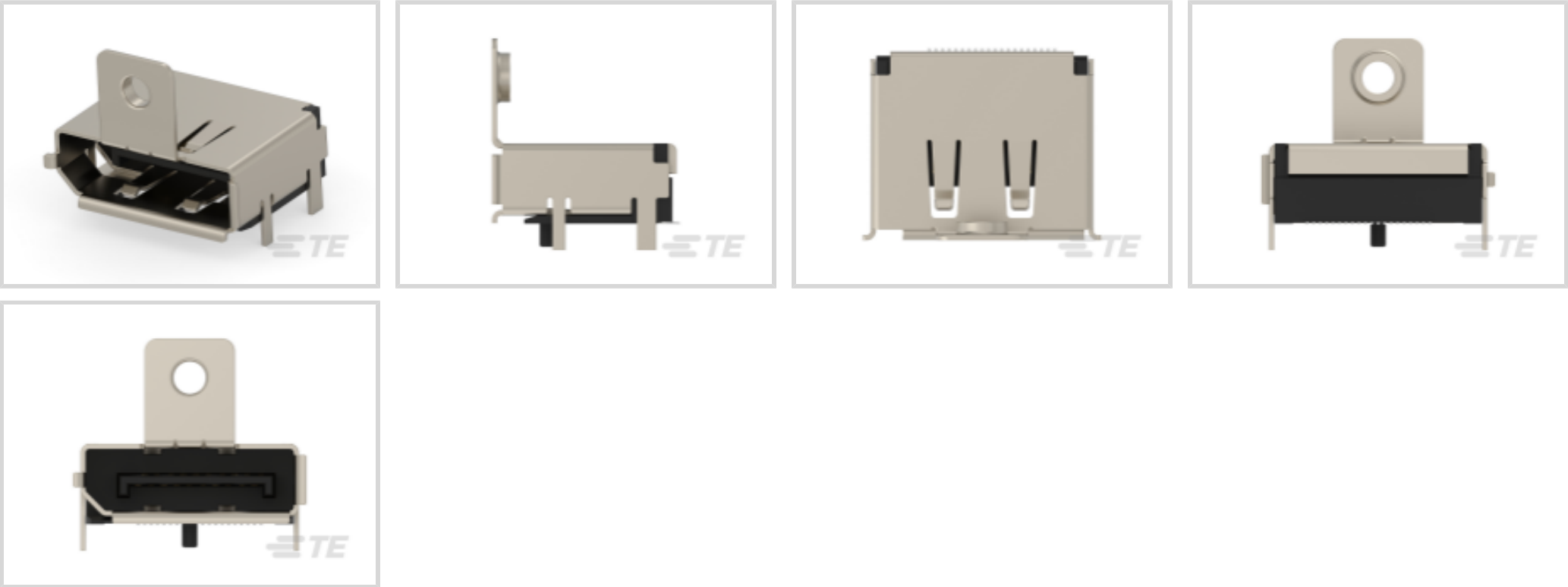




Connectors > Audio & Video Connectors > DisplayPort Connectors



PCB Mount Orientation: **Perpendicular Right Angle**

PCB Mount Location: **Edge**

Termination Method to PCB: **Surface Mount - Solder Ball**

Screw Flange: **With**

PCB Mount Retention Type: **SMT + Through Hole**

Features

Product Type Features

| | |
|--------------------------|----------------------------|
| Connector & Housing Type | Housing for Male Terminals |
| Connector System | Board-to-Component |

Configuration Features

| | |
|-----------------------|---------------------------|
| PCB Mount Orientation | Perpendicular Right Angle |
|-----------------------|---------------------------|

Body Features

| | |
|------------------------|--------|
| Shell Plating Material | Nickel |
|------------------------|--------|

Contact Features

| | |
|--------------------------------------|-----------|
| Contact Underplating Material | Nickel |
| Contact Base Material | Brass |
| Contact Mating Area Plating Material | Gold (Au) |
| Contact Current Rating (Max) | .5 A |

Termination Features

| | |
|---------------------------|-----------------------------|
| Termination Method to PCB | Surface Mount - Solder Ball |
|---------------------------|-----------------------------|

Mechanical Attachment



| | |
|--------------------------|--------------------|
| PCB Mount Location | Edge |
| Screw Flange | With |
| PCB Mount Retention Type | SMT + Through Hole |
| Connector Mounting Type | Board Mount |

Housing Features

| | |
|--------------------|------------------|
| Housing Material | LCP With 30% G.F |
| Housing Color | Black |
| Shell Material | Stainless Steel |
| Centerline (Pitch) | .5 mm[3.48 in] |

Usage Conditions

| | |
|-----------------------------|--------------------------|
| Operating Temperature Range | -40 – 85 °C[-40 – 85 °F] |
|-----------------------------|--------------------------|

Operation/Application

| | |
|---------------------|----------------|
| Circuit Application | Power & Signal |
|---------------------|----------------|

Industry Standards

| | |
|------------------------|----------|
| UL Flammability Rating | UL 94V-0 |
|------------------------|----------|

Packaging Features

| | |
|------------------|------------|
| Packaging Method | Box & Tray |
|------------------|------------|

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 | Not Yet Reviewed |
| 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: JAN 2025 (247) Candidate List Declared Against: JAN 2025 (247) 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 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



Documents

Product Drawings

DISPLAYPORT 2.1 20P RA STD SMT W/ FLANGE

English

CAD Files

Customer View Model

ENG_CVM_CVM_2498798-1_1.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_2498798-1_1.3d_stp.zip

English

Customer View Model

ENG_CVM_CVM_2498798-1_1.2d_dxf.zip

English

3D PDF

3D

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

Datasheets & Catalog Pages

DISPLAYPORT-2.1-CONNECTORS

English

Product Specifications

Product Specification



English