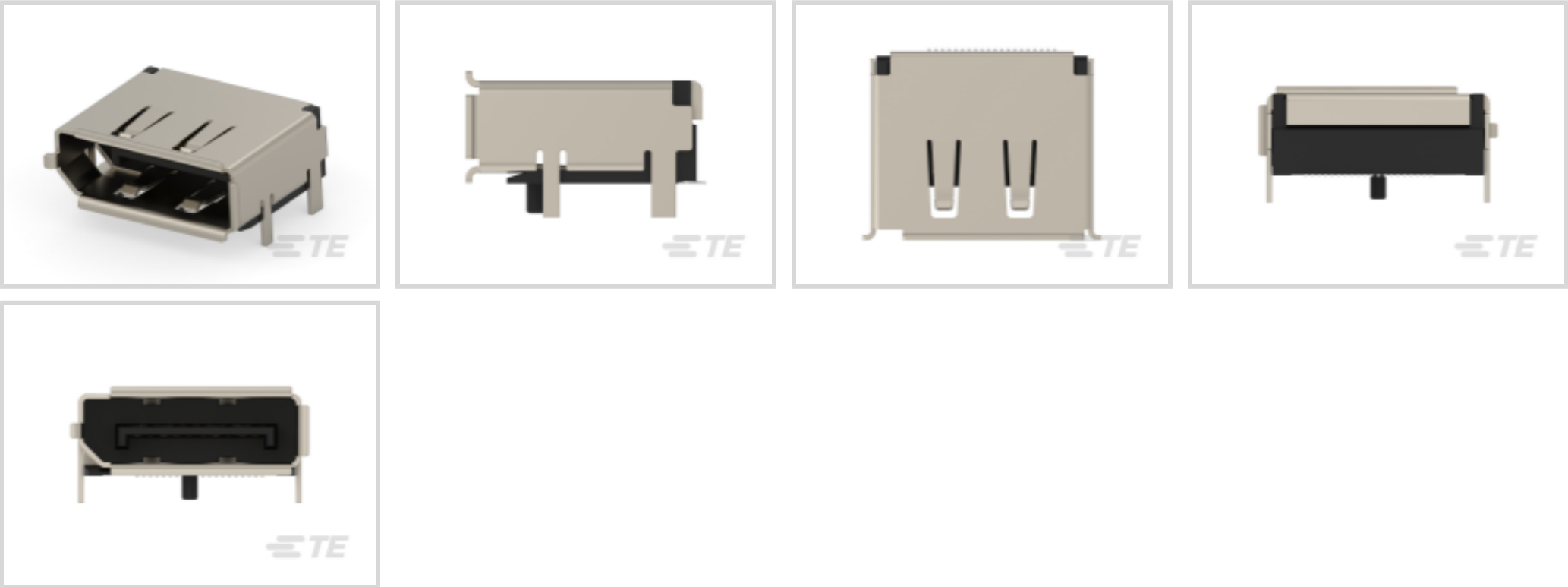




Connectors > Audio & Video Connectors > DisplayPort Connectors



PCB Mount Orientation: **Perpendicular Right Angle**

PCB Mount Location: **Edge**

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

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

Contact Mating Area Plating Material: **Gold (Au)**

Features

Product Type Features

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

Configuration Features

PCB Mount Orientation	Perpendicular Right Angle
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Body Features

Shell Plating Material	Nickel
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Contact Features

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

Termination Features

Termination Method to PCB	Surface Mount - Solder Ball
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Mechanical Attachment

PCB Mount Location	Edge
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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[3.42 in]

Usage Conditions

Operating Temperature Range	-40 – 85 °C[-40 – 85 °F]
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Operation/Application

Circuit Application	Power & Signal
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Industry Standards

UL Flammability Rating	UL 94V-0
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Packaging Features

Packaging Method	Box & Tray
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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

English

CAD Files

Customer View Model

ENG_CVM_CVM_2498797-1_1.3d_stp.zip

English

3D PDF

3D

Customer View Model

ENG_CVM_CVM_2498797-1_1.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_2498797-1_1.3d_igs.zip

English

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

