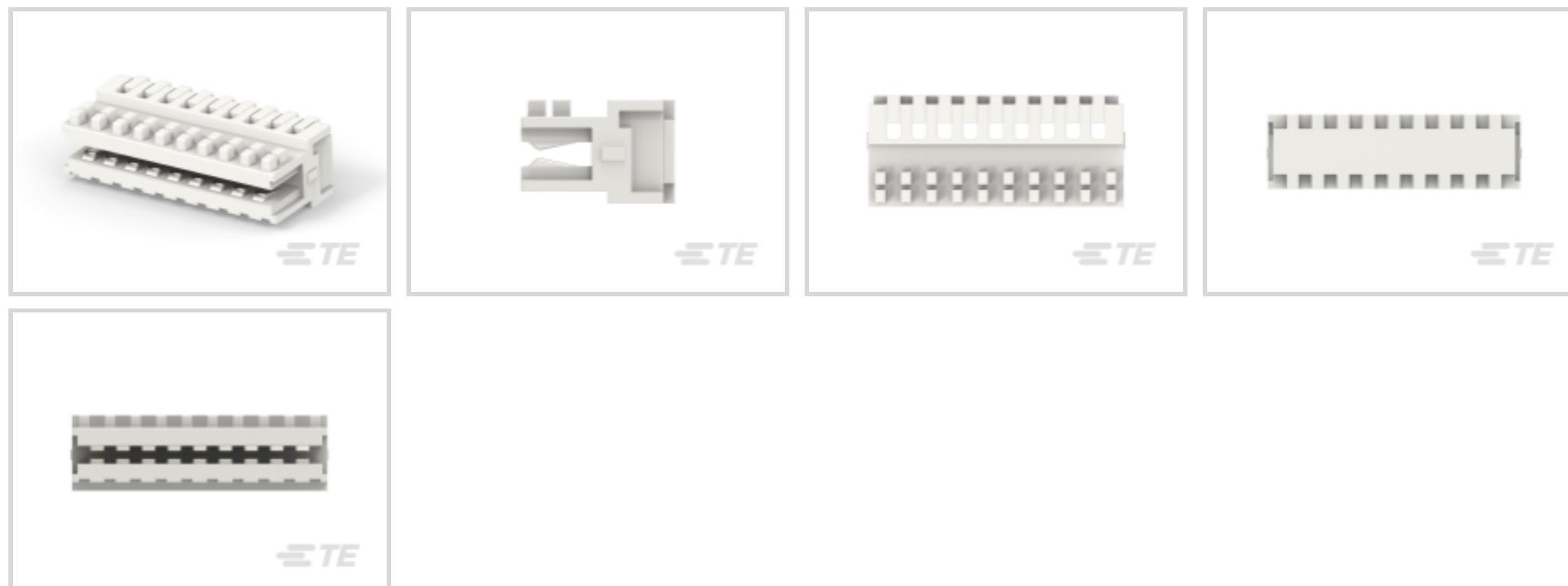


Connectors > PCB Connectors > Card Edge Connectors > Standard Edge Connectors



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

Number of Positions: **9**

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

Termination Method to Wire & Cable: **Insulation Displacement (IDC)**

Number of Rows: **1**

## Features

### Product Type Features

Connector System	Wire-to-Board
Connector & Housing Type	Receptacle
Connector & Contact Terminates To	Printed Circuit Board

### Configuration Features

Card Entry Style	Side
Compatible With Wire & Cable Type	Discrete Wire
Number of Positions	9
Number of Rows	1
Connector Contact Load Condition	Selectively Loaded
PCB Mount Orientation	Right Angle

### Body Features

Connector Profile	Standard
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### Contact Features

Contact Retention Within Housing	Without
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Contact Type	Socket
Contact Mating Area Plating Material	Silver
Contact Base Material	Copper Tin
Contact Current Rating (Max)	2 A

#### Termination Features

Termination Method to Wire & Cable	Insulation Displacement (IDC)
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#### Mechanical Attachment

Mating Alignment Type	Keyed
Mating Alignment	With
Panel Mount Feature	Without
Connector Mounting Type	Cable Mount (Free-Hanging)

#### Housing Features

Centerline (Pitch)	2.5 mm[.098 in]
Housing Color	Natural
Housing Material	PBT

#### Dimensions

Card Slot Depth	5 mm
Connector Height	7.35 mm
PCB Thickness (Recommended)	1.5 mm[.059 in]
Accepts Wire Insulation Diameter Range	1.2 – 1.4 mm[.047 – .055 in]
Wire Size	.22 – .5 mm <sup>2</sup>

#### Usage Conditions

Operating Temperature Range	-40 – 110 °C[-40 – 230 °F]
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#### Operation/Application

Circuit Application	Signal
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#### Packaging Features

Packaging Method	Tray
Packaging Quantity	280

#### Other

Position Locations Omitted	6
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## Product Compliance

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

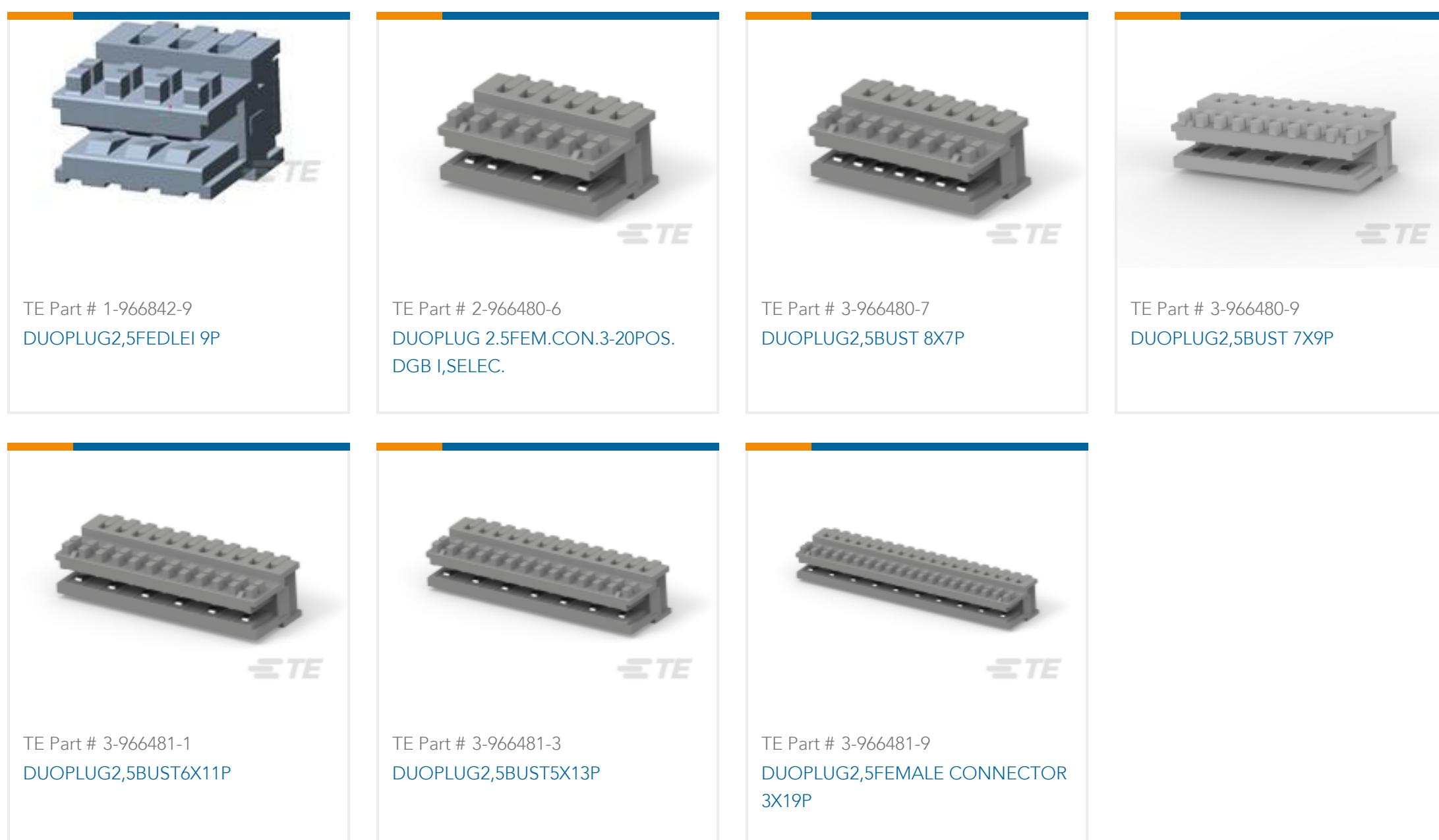
EU RoHS Directive 2011/65/EU	Compliant
EU ELV Directive 2000/53/EC	Compliant
China RoHS 2 Directive MIIT Order No 32, 2016	No Restricted Materials Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUL 2021 (219) Candidate List Declared Against: JAN 2021 (211) SVHC > Threshold: Not Yet Reviewed
Halogen Content	Not Low Halogen - contains Br or Cl > 900 ppm.
Solder Process Capability	Not applicable for solder process capability

### Product Compliance Disclaimer

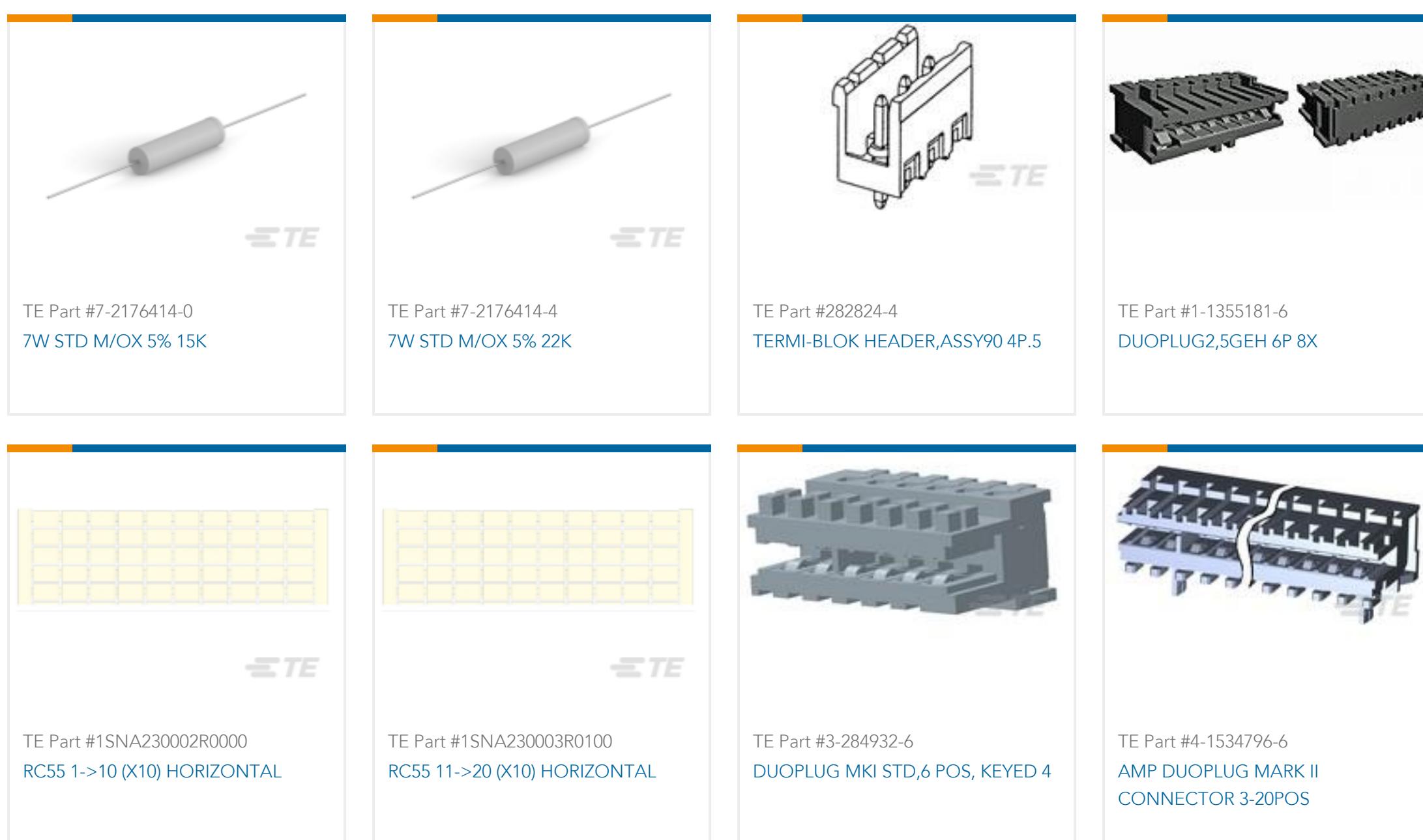
This information is provided based on reasonable inquiry of our suppliers and represents our current actual knowledge based on the information they provided. This information is subject to change. The part numbers that TE has identified as EU RoHS compliant have a maximum concentration of 0.1% by weight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

 TE Part # 3-966480-3 <b>DUOPLUG2,5BUST16X3P</b>	 TE Part # 1-1355180-3 <b>DUOPLUG2,5GEH4X 13P</b>	 TE Part # 1-1394427-3 <b>DUOPLUG2,5FEDLEI 3P</b>	 TE Part # 1-1394427-5 <b>DUOPLUG2,5FEDLEI 5P</b>
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## Customers Also Bought



## Documents

### CAD Files

[3D PDF](#)

3D

### Customer View Model

[ENG\\_CVM\\_CVM\\_1-1394427-9\\_B.2d\\_dxf.zip](#)

English

### Customer View Model

[ENG\\_CVM\\_CVM\\_1-1394427-9\\_B.3d\\_igs.zip](#)

English

**Customer View Model**

[ENG\\_CVM\\_CVM\\_1-1394427-9\\_B.3d\\_stp.zip](#)

English

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

**Product Specifications**

[Application Specification](#)

English

**Agency Approvals**

[Agency Approval Document](#)

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