



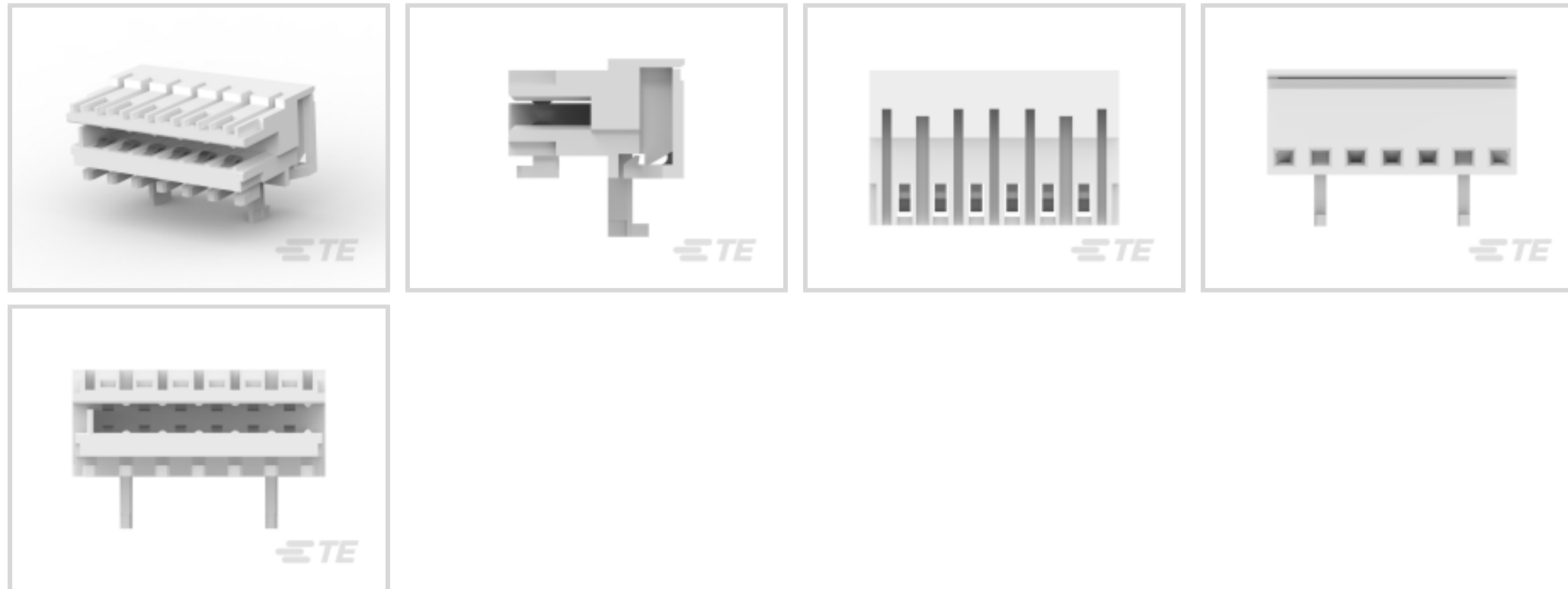
**RAST**

TE Internal #: 4-1534796-6

Standard Edge Connectors, Wire-to-Board, 6 Position, .098 in [2.5 mm] Centerline, Insulation Displacement (IDC), 1 Row, Natural, PA 6 GF, Fully Loaded

[View on TE.com >](#)

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



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

Number of Positions: **6**

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	6
Number of Rows	1
Connector Contact Load Condition	Fully Loaded
PCB Mount Orientation	Right Angle

**Electrical Characteristics**

Operating Voltage	250 V
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**Contact Features**

Contact Retention Within Housing	With
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Contact Type	Socket
Contact Mating Area Plating Material Thickness	3 – 6 $\mu\text{m}$
Contact Mating Area Plating Material	Tin
PCB Contact Termination Area Plating Material	Tin
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 Retention	Without
Mating Alignment	With
Contact Retention Type Within Housing	Locking Lance
PCB Mount Alignment	Without
Panel Mount Feature	Without
PCB Mount Retention	Without
Connector Mounting Type	Cable Mount (Free-Hanging)

### Housing Features

Housing Entry Configuration	Both Ends Open
Centerline (Pitch)	2.5 mm [.098 in]
Housing Color	Natural
Housing Material	PA 6 GF

### Dimensions

Connector Height	7.3 mm [.287 in]
PCB Thickness (Recommended)	1.5 mm [.059 in]
Accepts Wire Insulation Diameter Range	1.2 – 1.6 mm [.047 – .063 in]
Wire Size	.22 – .35 $\text{mm}^2$

### Usage Conditions

Operating Temperature Range	-40 – 110 $^{\circ}\text{C}$ [-40 – 230 $^{\circ}\text{F}$ ]
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### Operation/Application

Circuit Application	Signal
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### Industry Standards



UL Flammability Rating	UL 94V-2
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**Packaging Features**

Packaging Method	Box
Packaging Quantity	8624

**Product Compliance**

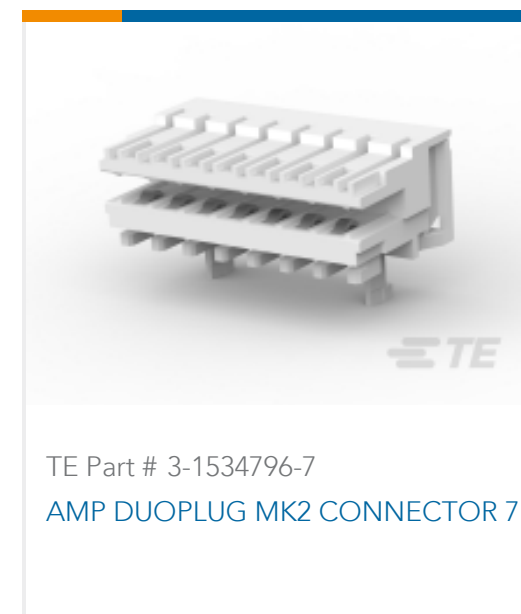
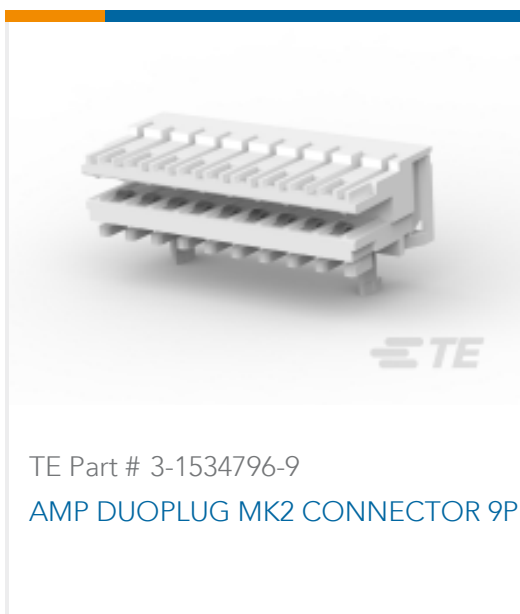
[For compliance documentation, visit the product page on TE.com>](#)

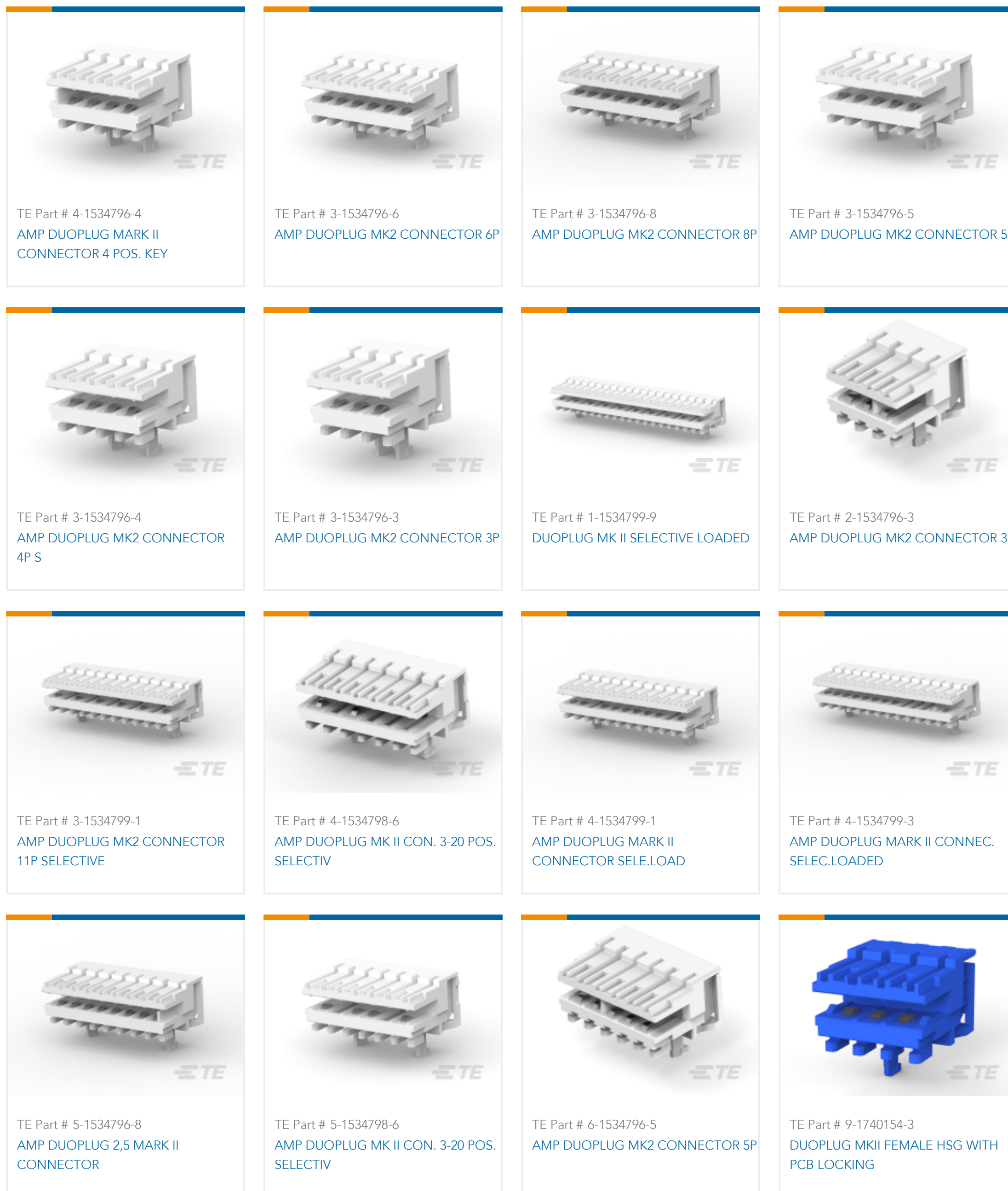
EU RoHS Directive 2011/65/EU	Compliant
EU ELV Directive 2000/53/EC	Compliant
China RoHS 2 Directive MIIT Order No 32, 2016	No Restricted Materials Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUNE 2022 (224) Candidate List Declared Against: JUNE 2022 (224) Does not contain REACH SVHC
Halogen Content	Not Low Halogen - contains Br or Cl > 900 ppm.
Solder Process Capability	Not 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**





## Documents

### Product Drawings

[AMP DUOPLUG MARK II CONNECTOR 3-20POS](#)

English

### CAD Files

[3D PDF](#)

3D

### Customer View Model

[ENG\\_CVM\\_CVM\\_4-1534796-6\\_A.2d\\_dxf.zip](#)

English



### Customer View Model

[ENG\\_CVM\\_CVM\\_4-1534796-6\\_A.3d\\_igs.zip](#)

English

### Customer View Model

[ENG\\_CVM\\_CVM\\_4-1534796-6\\_A.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

[RAST Connector System Catalog](#)

English

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### Product Specifications

[Application Specification](#)

English

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### Agency Approvals

[VDE Certificate](#)

English