



RAST

TE Internal #: 3-1740533-3

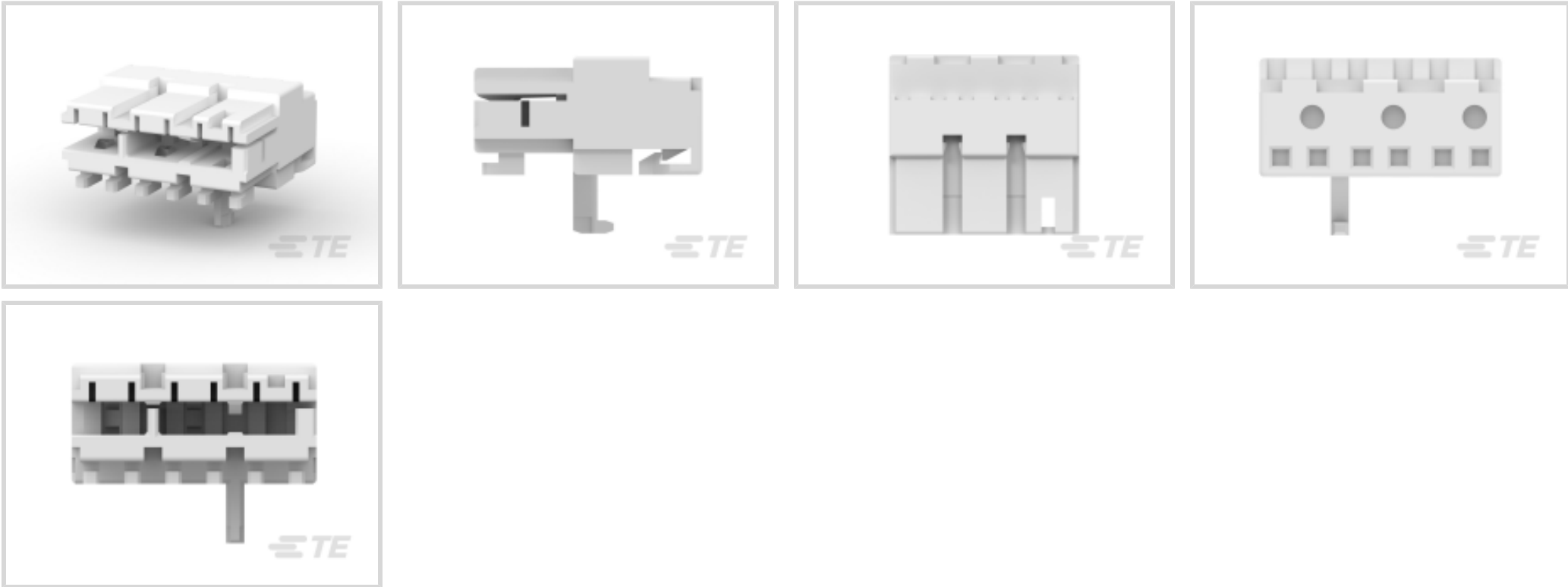
Standard Edge Connectors, Wire-to-Board, 3 Position, 5mm [.197in]

Centerline, Insulation Displacement Crimp (IDC), 1 Row, Natural

Housing Color

[View on TE.com >](#)

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



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

Number of Positions: **3**

Centerline (Pitch): **5 mm [.197 in]**

Termination Method to Wire & Cable: **Insulation Displacement Crimp (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
Number of Insulation Displacement Slots	3
Compatible With Wire & Cable Type	Discrete Wire
Number of Positions	3
Number of Rows	1
Connector Contact Load Condition	Selectively Loaded
PCB Mount Orientation	Right Angle

Electrical Characteristics

Operating Voltage	250 V
-------------------	-------

Body Features



Keying Between Cavity Locations	1&2
---------------------------------	-----

Contact Features

Contact Retention Within Housing	With
Contact Type	Socket
Contact Mating Area Plating Material Thickness	3 – 6 µm
Contact Mating Area Plating Material	Tin
PCB Contact Termination Area Plating Material	Tin
Contact Base Material	CuNiSi
Contact Current Rating (Max)	6 A

Termination Features

Termination Method to Wire & Cable	Insulation Displacement Crimp (IDC)
------------------------------------	-------------------------------------

Mechanical Attachment

Mating Alignment Type	Keyed
Mating Retention	Without
Mating Alignment	With
Contact Retention Type Within Housing	Locking Lance
PCB Mount Alignment	With
Panel Mount Feature	Without
PCB Mount Retention	Without
Connector Mounting Type	Cable Mount (Free-Hanging)

Housing Features

Housing Entry Configuration	One End Open
Centerline (Pitch)	5 mm[.197 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	2.2 mm[.087 in]
Wire Size	.35 – .75 mm²

Usage Conditions

Operating Temperature Range	-40 – 110 °C[-40 – 230 °F]
-----------------------------	----------------------------



Operation/Application

Circuit Application	Power
---------------------	-------

Industry Standards

UL Flammability Rating	UL 94V-2
------------------------	----------

Packaging Features

Packaging Method	Tray
Packaging Quantity	2618

Product Compliance

For compliance documentation, visit the product page on TE.com>


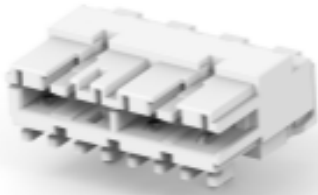
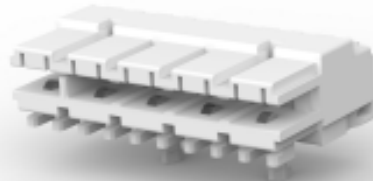
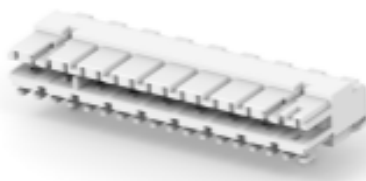
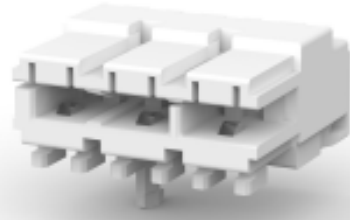
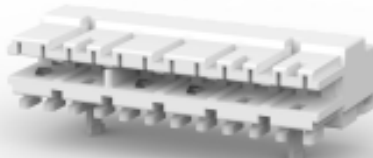
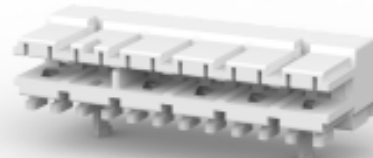
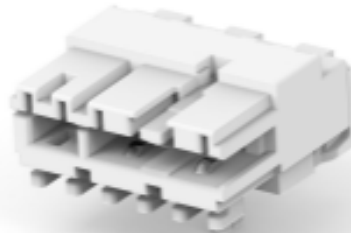
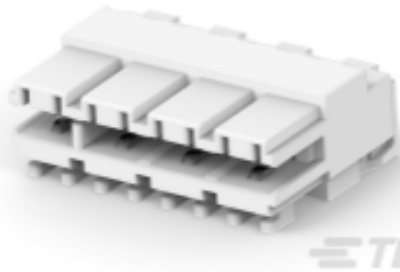

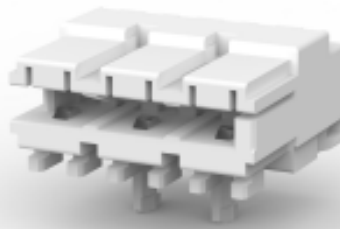
EU RoHS Directive 2011/65/EU	Compliant
EU ELV Directive 2000/53/EC	Compliant
China RoHS 2 Directive MIIT Order No 32, 2016	No Restricted Materials Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JAN 2021 (211) Candidate List Declared Against: JUN 2020 (209) SVHC > 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 # 1-1740533-3 AMP DUOPLUG POW CONNECTOR	 TE Part # 1740533-4 AMP DUOPLUG POW CONN. 4POS W.PCB LOCKING	 TE Part # 1740533-5 AMP DUOPLUG POW CONN. 5POS W.PCB LOCKING	 TE Part # 1-1740533-9 AMP DUOPLUG POW CONN. 9POS W.PCB LOCKING
 TE Part # 1740533-3 AMP DUOPLUG POW CONN. 3POS W.PCB LOCKING	 TE Part # 1740533-6 AMP DUOPLUG POW CONN. 6POS W.PCB LOCKING	 TE Part # 3-1740533-6 AMP DUOPLUG POWER CONNECTOR	 TE Part # 4-1740533-3 AMP DUOPLUG POW CON 2-9 P WITH PCB LOCKG
 TE Part # 4-1740533-4 AMP DUOPLUG POW CONN. 4POS	 TE Part # 5-1740533-3 AMP DUOPLUG POW CONN. 3POS W.PCB LOCKING	 TE Part # 8-1740533-3 AMP DUOPLUG POW CONNECTOR	

Customers Also Bought

 TE Part #8-1703060-6 STANDARD TIMER SPECIAL HOUSING UL94_V0	 TE Part #1394431-1 MAG MATE CONT. 5D	 TE Part #1-2161800-0 APT-5A TERMINATING MACHINE	 TE Part #1-282045-1 AMP MONO-SHAPE P.C.B.CONN5P. G
 TE Part #1-282045-3 AMP MONO-SHAPE PCB CONN	 TE Part #1-282050-1 AMP MONO-SHAPE P.C.B.CONN10P. G	 TE Part #1-282086-9 AMP MONO-SHAPE SW LOOSE PC. ON STRIP	 TE Part #1-284338-3 AMP MONO-SHAPE 2 POS TAB CONN



Documents

Product Drawings

AMP DUOPLUG POW CONN. 3POS W.PCB LOCKING

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_3-1740533-3_A.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_3-1740533-3_A.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_3-1740533-3_A.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

Application Specification

English

Agency Approvals

VDE Certificate

English