

3-1740533-3 ✓ ACTIVE



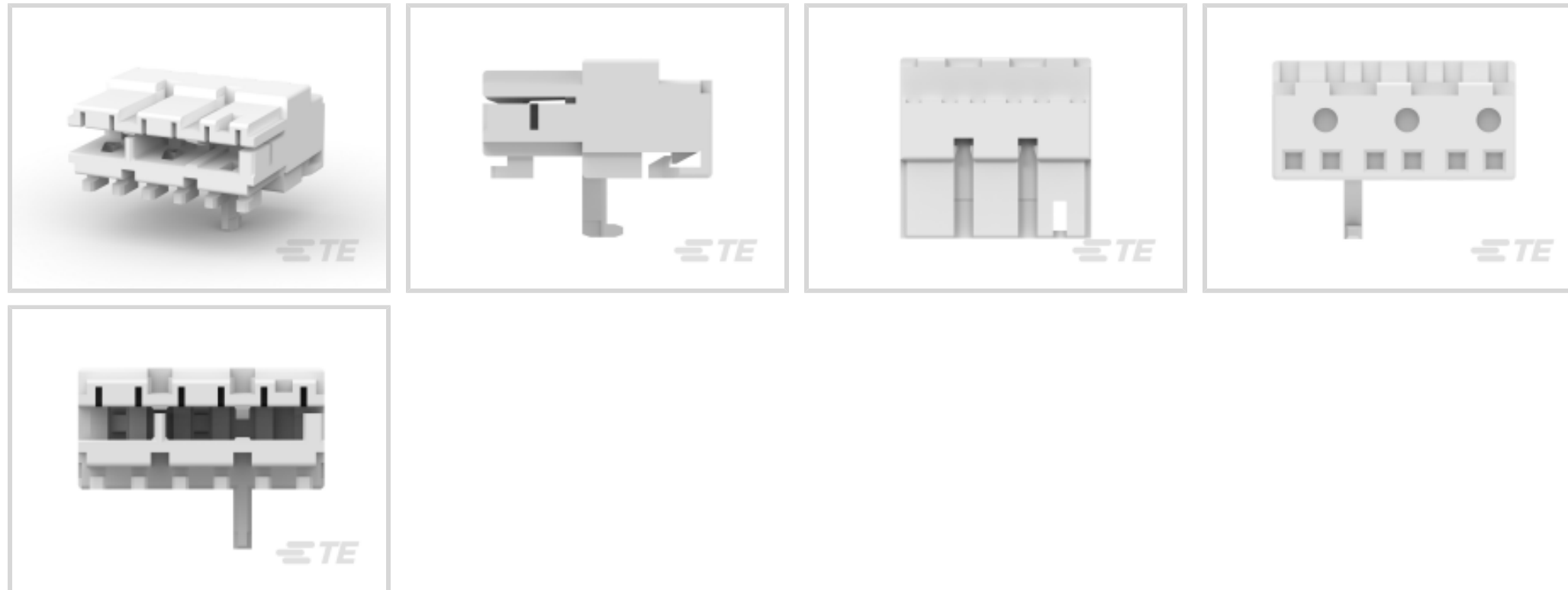
RAST

TE Internal #: 3-1740533-3

Standard Edge Connectors, Wire-to-Board, 3 Position, .197 in [5 mm] Centerline, Insulation Displacement (IDC), 1 Row, Natural, PA 6 GF

[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 (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 VAC
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Body Features



Keying Between Cavity Locations	1&2
Primary Product Color	Natural

Contact Features

Contact Retention Within Housing	With
Contact Type	Socket
Contact Mating Area Plating Material Thickness	3 – 6 μ m
Contact Mating Area Plating Material	Tin
PCB Contact Termination Area Plating Material	Tin
Contact Base Material	Copper Nickel Silicon
Contact Current Rating (Max)	6 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	With
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 Material	PA 6 GF

Dimensions

Connector Height	7.3 mm [.287 in]
PCB Thickness (Recommended)	1.5 mm [.059 in]
Compatible Insulation Diameter Range	2.2 mm [.087 in]
Wire Size	.35 – .75 mm ²

Usage Conditions

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



Circuit Application

Power

Industry Standards

UL Flammability Rating

UL 94V-2

Packaging Features

Packaging Quantity

2618

Packaging Method

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

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 2023 (235)
 Candidate List Declared Against: JUNE 2023 (235)
 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



TE Part # 1740533-5
AMP DUOPLUG POW CONN. 5POS
W.PCB LOCKING



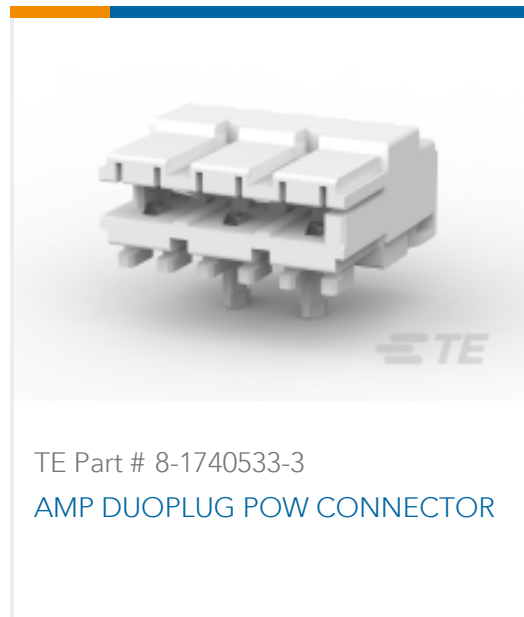
TE Part # 1740533-3
AMP DUOPLUG POW CONN. 3POS
W.PCB LOCKING



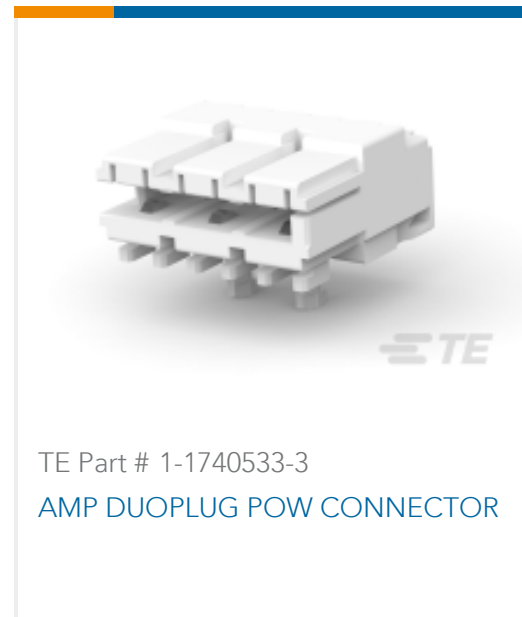
TE Part # 1740533-6
AMP DUOPLUG POW CONN. 6POS
W.PCB LOCKING



TE Part # 3-1740533-6
AMP DUOPLUG POWER
CONNECTOR



TE Part # 8-1740533-3
AMP DUOPLUG POW CONNECTOR



TE Part # 1-1740533-3
AMP DUOPLUG POW CONNECTOR



TE Part # 5-1740533-3
AMP DUOPLUG POW CONN. 3POS
W.PCB LOCKING

Customers Also Bought



TE Part #5-1879071-3
THS50 1K5 5%



TE Part #6367550-7
ASSY Z-DOK+6 HOST BOARD 56PR L



TE Part #HD36-24-35SN-059
PLG,35P,AL,N, CBLCLMPBT,DRAIN,16
/20,S,MC



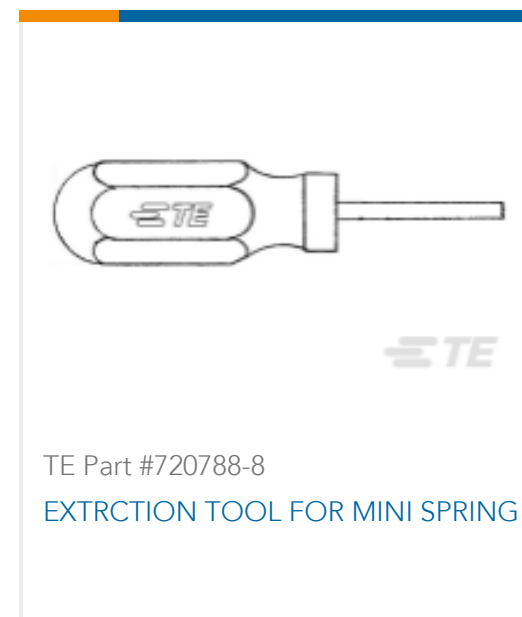
TE Part #1-1355181-3
DUOPLUG2,5GEH 3P11X



TE Part #2-1633713-3
CRIMPER, WIRE PREMIUM



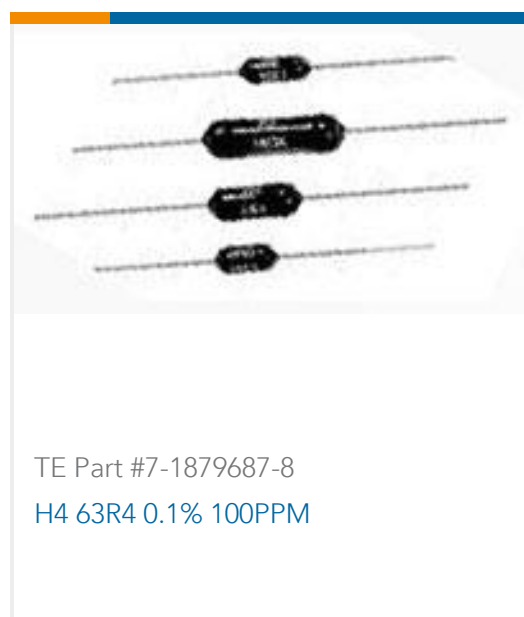
TE Part #5650978-5
ASSY,PIN,EURO,TYPE C/2,LEAD-FREE,
A&C,32/



TE Part #720788-8
EXTRCTION TOOL FOR MINI SPRING



TE Part #7-1879533-4
CRGV0603 1% 576K 400V



TE Part #7-1879687-8
H4 63R4 0.1% 100PPM



TE Part #827551-8
2P MI D-FED KONTGEH

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