

1766200-1 ✓ ACTIVE



CROWN EDGE

TE Internal #: 1766200-1

Standard Edge Connectors, Board-to-Board, 12 Position, .1 in [2.54 mm] Centerline, Black, Fully Loaded, Receptacle, Straddle Mount, CROWN EDGE

[View on TE.com >](#)

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



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

Number of Positions: **12**

Centerline (Pitch): **2.54 mm [.1 in]**

Housing Color: **Black**

Connector Contact Load Condition: **Fully Loaded**

Features

Product Type Features

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

Configuration Features

Number of Positions	12
Connector Contact Load Condition	Fully Loaded
PCB Mount Orientation	Straddle Mount

Contact Features

Contact Retention Within Housing	Without
Contact Type	Socket
Contact Mating Area Plating Material	Gold
Contact Underplating Material	Nickel
PCB Contact Termination Area Plating Material	Tin
Contact Base Material	Copper Alloy



Contact Current Rating (Max)	29 A
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Mechanical Attachment

Mating Alignment Type	Polarization
Mating Retention	With
Mating Alignment	With
PCB Mount Alignment	Without
Panel Mount Feature	Without
PCB Mount Retention	With
PCB Mount Retention Type	Mounting Ears
Mating Retention Type	Polarized Lock
Connector Mounting Type	Board Mount

Housing Features

Centerline (Pitch)	2.54 mm[.1 in]
Housing Color	Black

Dimensions

Connector Length	88 mm[3.46 in]
Connector Height	22.62 mm[.315 in]
Connector Width	8.9 mm[.35 in]
PCB Thickness (Recommended)	1.6 mm[.063 in]

Usage Conditions

Operating Temperature Range	-55 – 105 °C[-67 – 221 °F]
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Operation/Application

Circuit Application	Power & Signal
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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	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: JUL 2021 (219) SVHC > Threshold:



Not Yet Reviewed

Halogen Content

Not Low Halogen - contains Br or Cl > 900 ppm.

Solder Process Capability

Reflow solder capable to 260°C

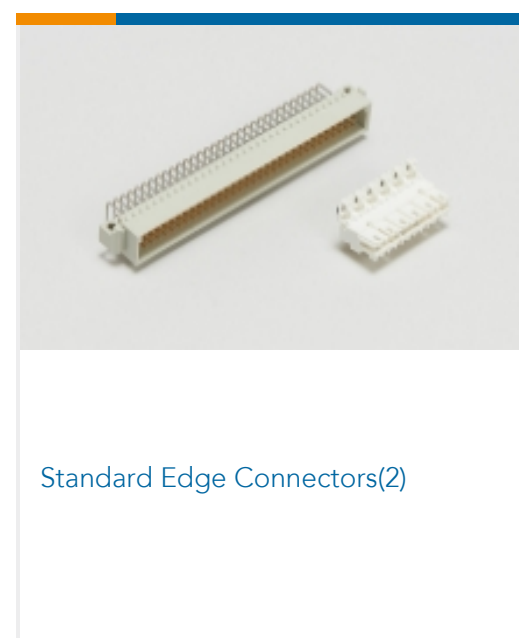
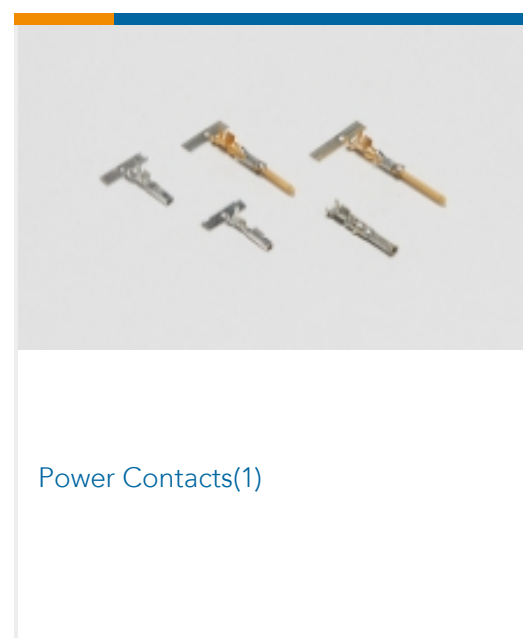
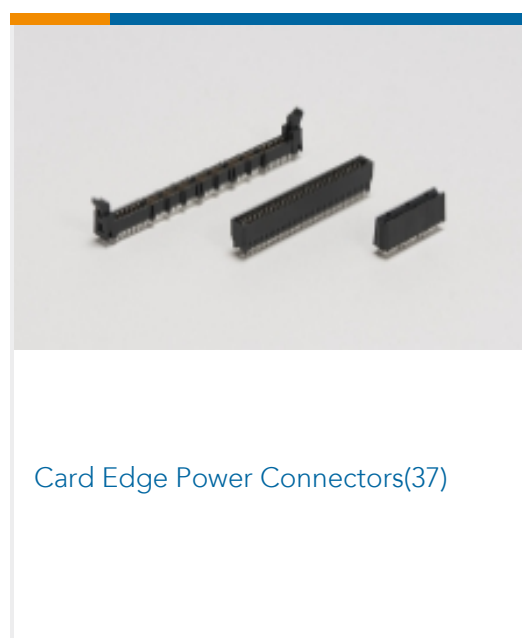
Product Compliance Disclaimer

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>

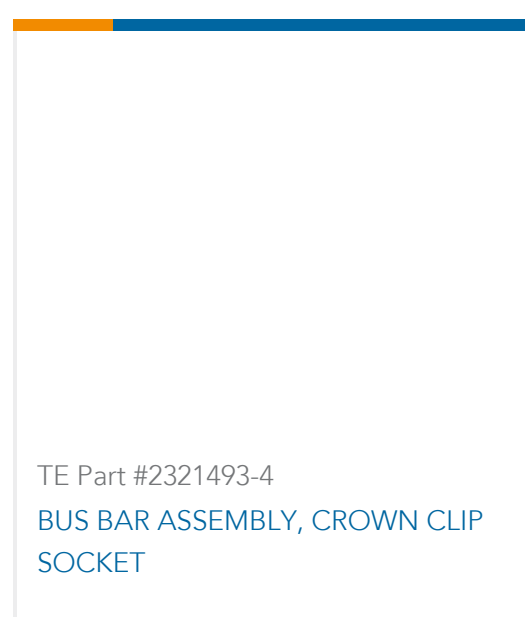
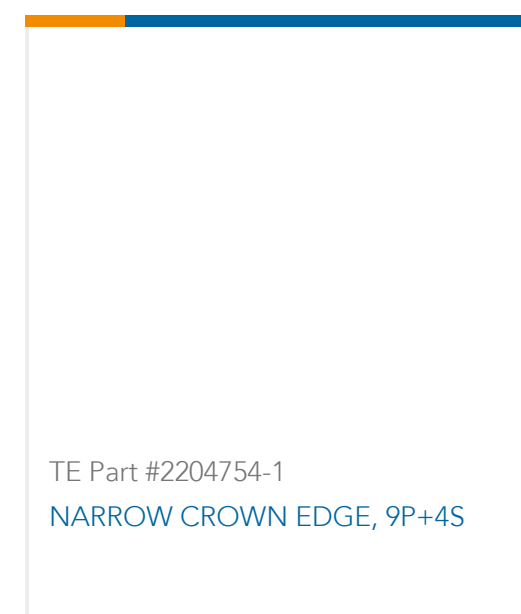
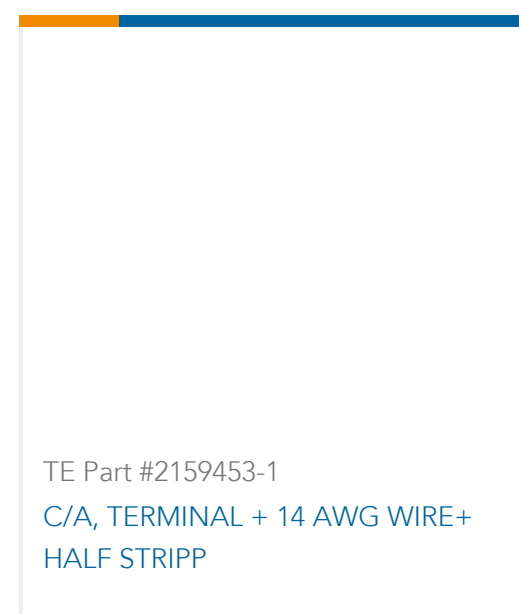
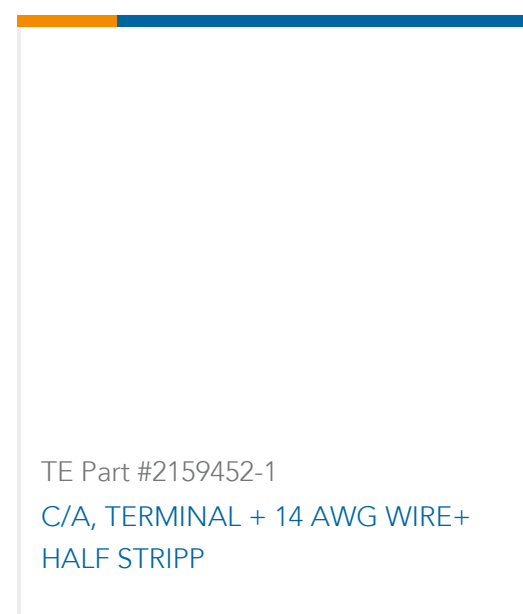
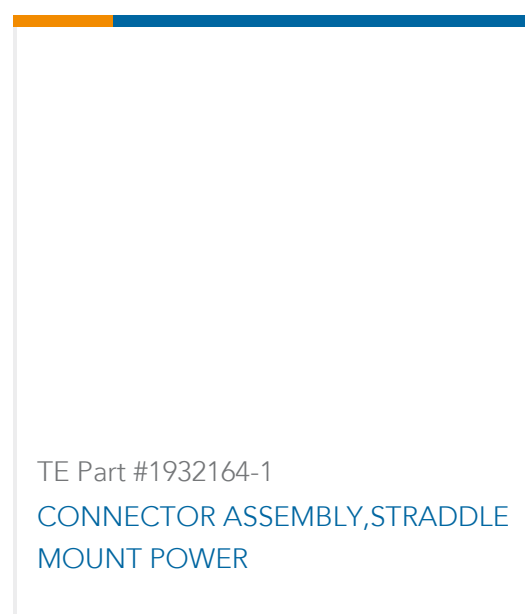
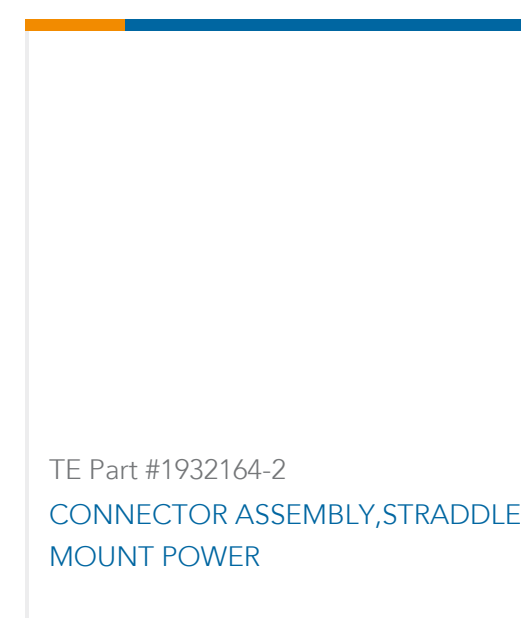
Compatible Parts



Also in the Series | CROWN EDGE



Customers Also Bought



Documents

Product Drawings

[284-0472-15000D=TA CE STRDDL MN](#)

English

CAD Files

Customer View Model

[ENG_CVM_CVM_1766200-1_D.2d_dxf.zip](#)

English

3D PDF

3D

Customer View Model

[ENG_CVM_CVM_1766200-1_D.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_1766200-1_D.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

Product Environmental Compliance

TE Material Declaration

English

Agency Approvals

UL

English