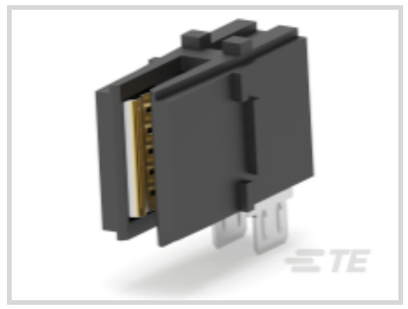
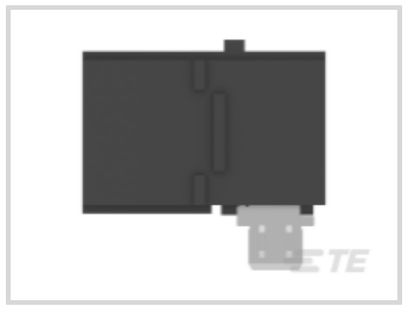
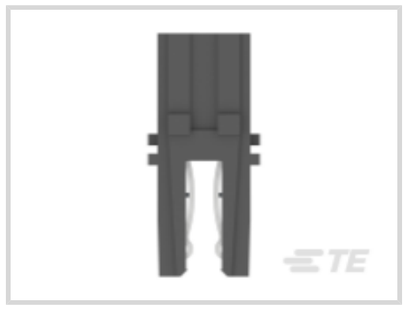
2178531-4 ✔ ACTIVE

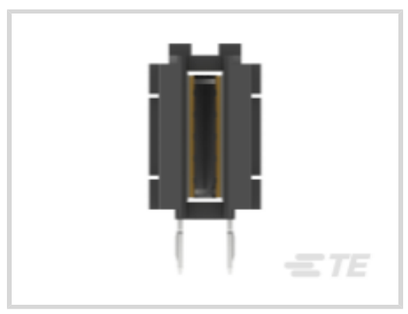
TE Internal #: 2178531-4

Board-to-Bus Bar, Printed Circuit Board, Thermoplastic, Black, Tray, Right Angle, Copper Alloy, Hot Pluggable, Power, Board Mount, Busbar Connectors

View on TE.com >

Connectors > Power Connectors > Busbar Connectors



Connector System: **Board-to-Bus Bar**

Connector & Contact Terminates To: **Printed Circuit Board**

Mating Conductor Thickness: **3 mm [.118 in]**

Housing Material: **Thermoplastic**

Housing Color: **Black**

Features

Product Type Features

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

Configuration Features

PCB Mount Orientation	Right Angle
Mating & Unmating Configuration	Hot Pluggable

Electrical Characteristics

Operating Voltage	600 VAC

Body Features

Bus Bar Contact Plating Material	Silver

Contact Features

Contact Underplating Material	Nickel
Mating Tab Width	14.95 mm[.588 in]
Contact Shape & Form	Multiple Contact Point

Mating Tab Thickness	3 mm[.118 in]
Contact Base Material	Copper Alloy
Contact Current Rating (Max)	160 A
Contact Length	28.1 mm[1.106 in]
Bus Bar Contact Style	CROWN BAND

Termination Features

Termination Post & Tail Length	3.4 mm[.133 in]
Termination Method to PCB	Through Hole - Solder

Mechanical Attachment

Mating Alignment Type	Blindmate
Mating Alignment	With
Connector Mounting Type	Board Mount

Housing Features

Housing Material	Thermoplastic
Housing Color	Black

Dimensions

PCB Thickness (Recommended)	1.9 – 6. mm
Product Width	31.4 mm[1.236 in]
Product Length	14.5 mm[.57 in]
Connector Height	22.6 mm[.889 in]

Usage Conditions

Operating Temperature Range	-65 – 105 °C[-85 – 221 °F]

Operation/Application

Circuit Application	Power

Industry Standards

Compatible With Agency/Standards Products	UL

Packaging Features

Packaging Method	Tray

Other

Mating Conductor Thickness	3 mm[.118 in]

Product Compliance

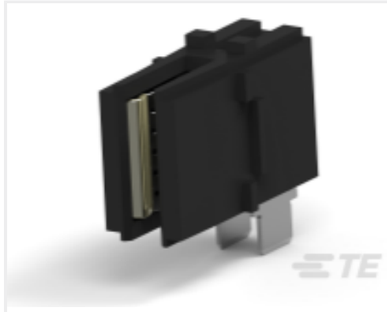
For compliance documentation, visit the product page on TE.com>

EU RoHS Directive 2011/65/EU	Compliant
EU ELV Directive 2000/53/EC	Compliant
China RoHS 2 Directive MIIT Order No 32, 2016	有害物质含量符合标准要求 No Restricted Substance(s) Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUNE 2025 (250) Candidate List Declared Against: JUNE 2025 (250) Does not contain REACH SVHC
Halogen Content	Low Halogen - Br, Cl, F < 900 ppm per homogenous material. Also BFR/CFR/PVC Free
Solder Process Capability	Pin-in-Paste 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



TE Part # 1551953-1
CCJ-Crown Clip Junior power connector



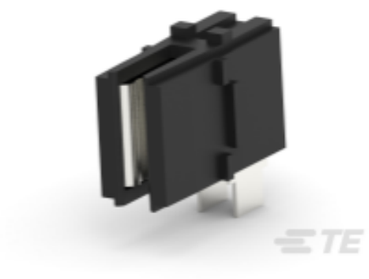
TE Part # 2178517-1
Pluggable busbar assembly



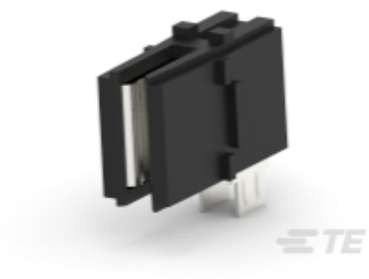
TE Part # 1982995-4
CROWN CLIP JUNIOR SCREW-MOUNT CONN



TE Part # 1982995-1
CROWN CLIP JUNIOR SCREW-MOUNT CONN



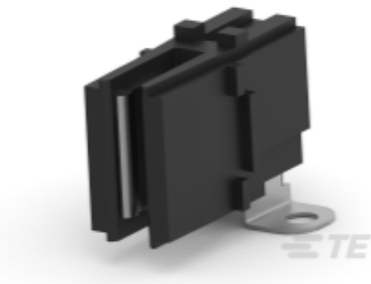
TE Part # 2178531-2
CROWN CLIP JUNIOR CONNECTOR



TE Part # 2178531-1
CROWN CLIP JUNIOR CONNECTOR



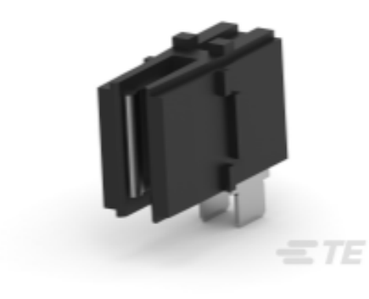
TE Part # 1982995-2
CROWN CLIP JUNIOR SCREW-MOUNT CONN



TE Part # 1982995-3
CROWN CLIP JUNIOR SCREW-MOUNT CONN



TE Part # 2178411-1
Pluggable busbar assembly



TE Part # 1551953-2
CROWN CLIP JUNIOR POWER CONNECTOR

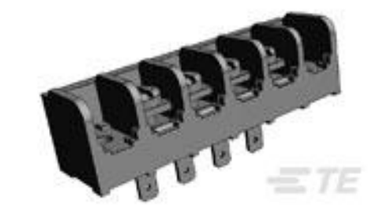


TE Part # 2178517-2
CROWN CLIP JUNIOR BUSBAR CONN

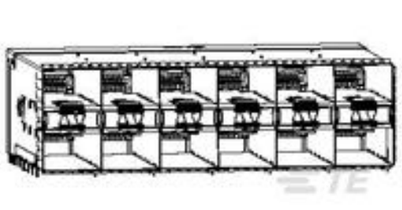


TE Part # 2178410-1
CROWN CLIP JUNIOR CONN

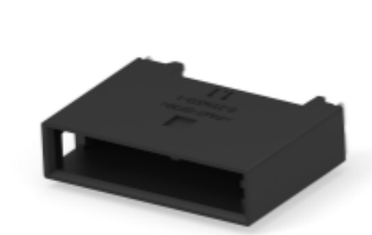
Customers Also Bought



TE Part #2-1437659-0
8QCV-04-006=8QCV ASSEMBLY



TE Part #2198339-7
zSFP+ STACKED 2X6 RECEPTACLE ASSEMBLY



TE Part #2314513-1
10POS,TAB0.5X0.4,HDR ASSY, 180DEG,COD A

TE Part #3-5353652-9
.5FHP08H,440,B,GIG,30/Sn,HT,NSYes



TE Part #5787745-4
USB A R/A STAK ASSY THRU HOLE

TE Part #1367627-8
light pipe assy, 1x1 sfp

TE Part #2057548-3
SFP+ Stout 1X4 Cage Assembly, Press-Fit

TE Part #2274270-7
zSFP+ STACKED 2X8 RECEPTACLE ASSEMBLY

TE Part #2301210-1
ZSFP+ STACKED 2X12 RCPT ASSY, EMI SPRING

TE Part #2349422-3
LOAD PLATE ASSEMBLY FOR HW

Documents

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_2178531-4_A5.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_2178531-4_A5.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_2178531-4_A5.3d_stp.zip

English

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Product Specifications

Application Specification

English

Agency Approvals

UL Report

English