

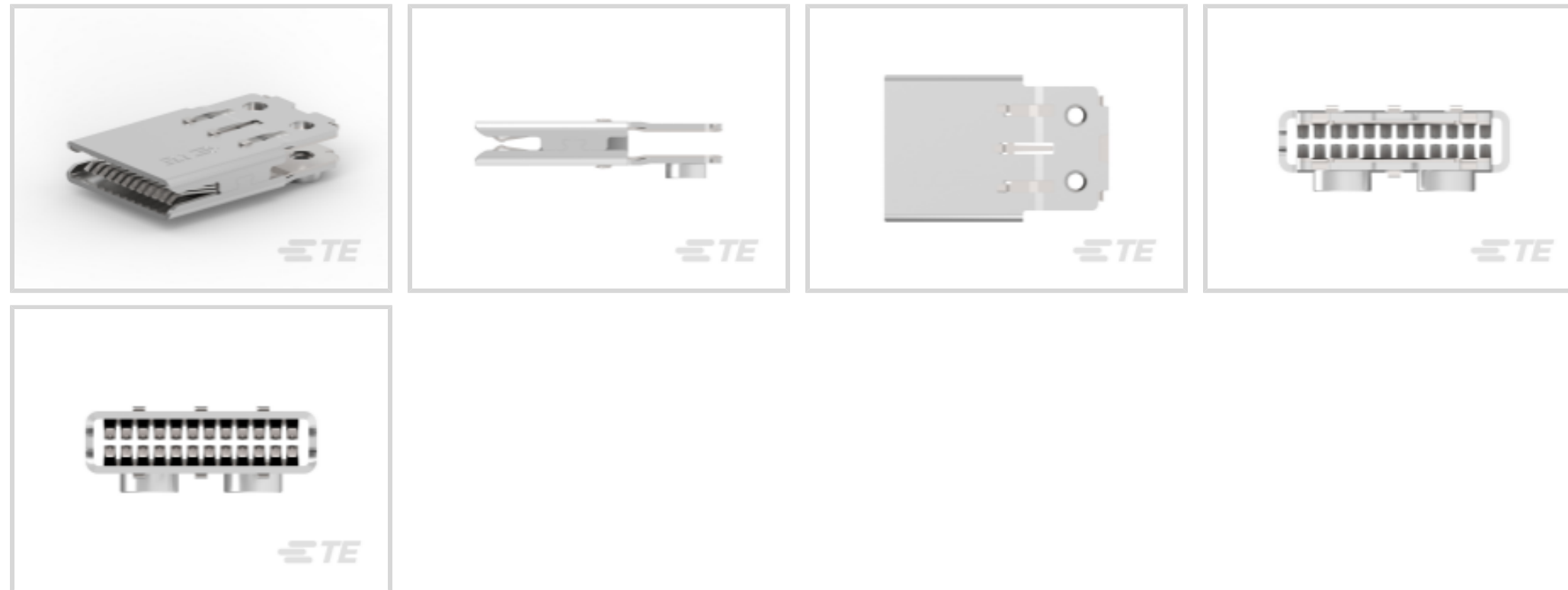


TE Internal #: 2204273-1

Busbar Connectors, Bus Bar-to-Bus Bar, 1 Position, Bus Bar, Stainless Steel, Mating Alignment, Screw Mount, Bag & Box, In-Line, Copper Alloy, Normal

[View on TE.com >](#)

Connectors > Power Connectors > Busbar Connectors



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

Number of Positions: **1**

Connector & Contact Terminates To: **Bus Bar**

Mating Conductor Thickness: **3.18 mm [.125 in]**

Housing Material: **Stainless Steel**

Features

Product Type Features

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

Configuration Features

Number of Positions	1
Mating & Unmating Configuration	Normal

Electrical Characteristics

Operating Voltage	600 VAC
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Body Features

Bus Bar Contact Plating Material	Silver
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Contact Features

Contact Underplating Material Thickness	1.27 µm[50 µin]
Contact Mating Area Plating Material Thickness	3 µm[118 µin]
Contact Shape & Form	Multiple Contact Point



Contact Underplating Material	Nickel
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Contact Base Material	Copper Alloy
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Contact Current Rating (Max)	500 A
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Contact Length	64.7 mm[2.54 in]
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Bus Bar Contact Style	Socket
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Mechanical Attachment

Mating Alignment Type	Blindmate
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Mating Alignment	With
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Bus Bar Connector Mounting Retention	With
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Bus Bar Mount Retention Type	Screw Mount
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Bus Bar Mount Orientation	In-Line
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Connector Mounting Type	Bus Bar Mount
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Housing Features

Housing Material	Stainless Steel
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Dimensions

Connector Height	28.45 mm[1.12 in]
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Wire Size	34 – 35 mm ²
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Product Width	58.17 mm[2.29 in]
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Product Length	83.67 mm[3.29 in]
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Usage Conditions

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

Circuit Application	Power
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Industry Standards

Compatible With Agency/Standards Products	UL
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Packaging Features

Packaging Method	Bag & Box
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Other

Mating Conductor Thickness	3.18 mm[.125 in]
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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 2024 (241) Candidate List Declared Against: JUL 2021 (219) Does not contain REACH SVHC
Halogen Content	Low Halogen - Br, Cl, F, I < 900 ppm per homogenous material. Also BFR/CFR/PVC Free
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 # 2204866-1
RACK 500A (250+&250-) ORV2 Output Conn



TE Part # 2204273-3
IN-LINE MOUNT 500A BUSBAR CONN.

Customers Also Bought



TE Part #1-770974-0
16P MINI UMNL R/A HDR ASSY SN



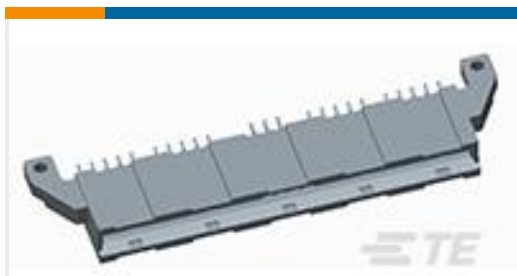
TE Part #2-328527-1
TERMINAL,PG R 16-14 8



TE Part #1643903-1
CROWN CLIP Senior II 538-0068-00100



TE Part #1926736-2
MiniPAK HDL, 25s10p, RA Plug,



TE Part #1766200-1
284-0472-15000D=TA CE STRDDL MN



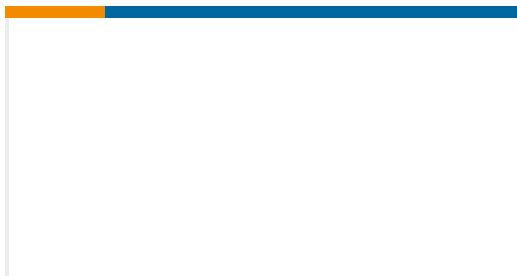
TE Part #2-1445084-5
micro mnl hdr assy s/row au lf



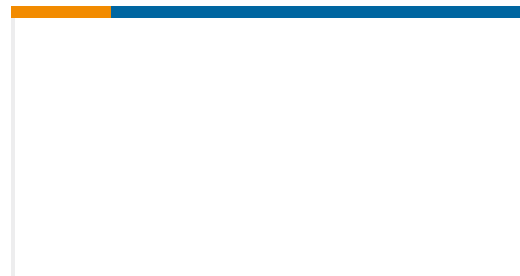
TE Part #6368062-1
2X4 OFFSET STK MJ,SHLD,W/LED



TE Part #4-2381880-7
PBES16 28 NO LAMP 1NC 1NO



TE Part #2041376-5
RJ45 W LED G/Y 2X2,30u",DIP,H=25.4mm



TE Part #2204761-5
IN-LINE MOUNT 300A BUSBAR CONN.

Documents

Product Drawings

IN-LINE MOUNT 500A BUSBAR CONN.

English

CAD Files

3D PDF

3D

Customer View Model

[ENG_CVM_CVM_2204273-1_A2.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_CVM_2204273-1_A2.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_2204273-1_A2.3d_stp.zip](#)

English

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Product Specifications

Application Specification

English

Agency Approvals

UL Report

English