2204866-1

TE Internal #: 2204866-1

TE Internal Description: RACK 500A (250+&250-) ORV2 Output Conn

View on TE.com >

Connectors > Power Connectors > Busbar Connectors







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

Number of Positions: **1**

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

Mating Conductor Thickness: **6 mm [.236 in]**

Housing Material: **Thermoplastic**

Features

Product Type Features

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

Configuration Features

Number of Positions	1
Mating & Unmating Configuration	Hot Pluggable

Electrical Characteristics

Operating Voltage	48 VDC

Body Features

Bus Bar Contact Plating Material	Silver

Contact Features

Contact Shape & Form	Multiple Contact Point
Contact Base Material	Copper Alloy
Contact Current Rating (Max)	250 A

Mechanical Attachment

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

Housing Features

Housing Material	Thermoplastic
Housing Color	Black

Dimensions

Product Width	55 mm
Product Length	62.7 mm[2.468 in]
Connector Height	38 mm[1.496 in]

Usage Conditions

Operating Temperature Range	-45 – 105 °C[-49 – 221 °F]

Operation/Application

Circuit Application	Power

Packaging Features

Packaging Method	Box

Other

Mating Conductor Thickness	6 mm[.236 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	No Restricted Materials Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUNE 2025 (250) Candidate List Declared Against: JAN 2022 (223) 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	Not applicable for solder process capability

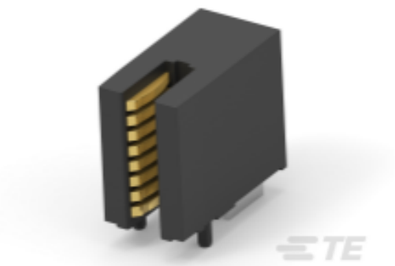
Product Compliance Disclaimer

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 # 2204273-2
IN-LINE MOUNT 500A BUSBAR CONN.



TE Part # 2204900-1
Crown Clip 320(160+&160-) Dual Power



TE Part # 1367369-1
BUSBAR CONNECT W/CLINCH NUTS

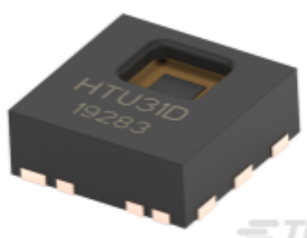


TE Part # 2204273-1
IN-LINE MOUNT 500A BUSBAR CONN.

Customers Also Bought



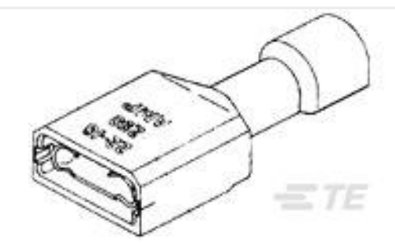
TE Part #CAT-R2137-RW200E
Single Heavy Wall RW 200 E: Heat Shrink Tubing, 2:1 Shrink Ratio



TE Part #10142048-32
HTU31V I.C 31V RH/T ANALOG R5000



TE Part #207486-5
SIZE 23-16 RECEPT,CPC,W/SEAL



TE Part #3-350820-2
ULTRAFAST 250 ASSY REC 16-14 TPBR LP



TE Part #1462039-4
IM13GR=IM RELAY 100mW 5V



TE Part #7-1625971-5
HSA25 R01 5%



TE Part #1-1625999-6
HSC100 20R 1%



TE Part #2071556-5
OJS-SS-124HMF,00000



TE Part #1461352-2
PCH-105L2M,000

Documents

Product Drawings

RACK 500A (250+&250-) ORV2 Output Conn

English

CAD Files

Customer View Model

ENG_CVM_CVM_2204866-1_A2.3d_stp.zip

English

Customer View Model

ENG_CVM_CVM_2204866-1_A2.3d_igs.zip

English

3D PDF

3D

Customer View Model

ENG_CVM_CVM_2204866-1_A2.2d_dxf.zip

English

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Product Specifications

Application Specification

English

Agency Approvals

UL

English

UL

English