

TE Internal #: 6364666-1

Board-to-Board, 62 Position, 2.54 mm [.1 in] Centerline, Power &

Signal, 62 Power Positions, 0 Signal Positions, Card Edge Power

Connectors

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Connector System: Board-to-Board

Number of Positions: 62

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

Contact Current Rating (Max): 4.26 A

Circuit Application: Power & Signal

Features

Product Type Features

Connector Mates With

Connector & Housing Type	Receptacle
Connector & Contact Terminates To	Printed Circuit Board
Connector System	Board-to-Board
Configuration Features	
Keying & Polarized Position Locations	11, 12
PCB Mount Orientation	Vertical
Number of Positions	62
Number of Power Positions	62
Number of Signal Positions	0
Number of Dual Positions	31

Printed Circuit Board

400 V

Body Features

Electrical Characteristics

Operating Voltage



Primary Product Color	Black
Contact Features	
PCB Contact Termination Area Plating Material Thickness	2.54 μm[100 μin]
Contact Type	Socket
Contact Mating Area Plating Material Thickness	.76 μm[30 μin]
PCB Contact Termination Area Plating Material Finish	Matte
Contact Underplating Material	Nickel
PCB Contact Termination Area Plating Material	Tin
Contact Base Material	Phosphor Bronze
Contact Current Rating (Max)	4.26 A
Contact Mating Area Plating Material	Gold
Termination Features	
Termination Post & Tail Length	3.18 mm[.125 in]
Termination Method to PCB	Through Hole - Solder
Mechanical Attachment	
Mating Alignment Type	Keyed
Mating Retention	With
Mating Alignment	With
PCB Mount Alignment	Without
PCB Mount Retention	With
PCB Mount Retention Type	Action/Compliant Tail
Mating Retention Type	Latch
Connector Mounting Type	Board Mount
Housing Features	
Housing Material	Polyester GF
Centerline (Pitch)	2.54 mm[.1 in]
Dimensions	
Card Slot Depth	7.62 mm[.308 in]
Connector Height	15.62 mm[.74 in]
Row-to-Row Spacing	4.85 mm[.191 in]
Power Contact Centerline	2.54 mm[.1 in]
Usage Conditions	



Operating Temperature Range	-55 – 90 °C[-67 – 194 °F]
Operation/Application	
Circuit Application	Power & Signal
Industry Standards	
UL Flammability Rating	UL 94V-0
Packaging Features	
Packaging Quantity	5
Packaging Method	Box
Other	
Position Locations Omitted	6

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: JUNE 2024 (241) Does not contain REACH SVHC
Halogen Content	Not Low Halogen - contains Br or Cl > 900 ppm.
Solder Process Capability	Wave solder capable to 265°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



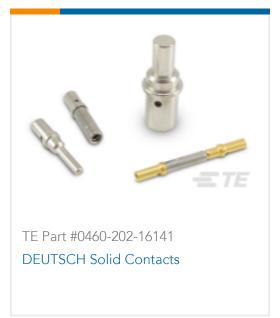


Customers Also Bought















Documents

Product Drawings

CONN SEC II 31 POS W/ LATCH

English

CAD Files

3D PDF

English

Customer View Model

ENG_CVM_6364666-1_D.3d_stp.zip

English

Customer View Model

ENG_CVM_6364666-1_D.3d_igs.zip

English

Customer View Model

ENG_CVM_6364666-1_D.2d_dxf.zip

English

By downloading the CAD file I accept and agree to the **Terms and Conditions** of use.

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Product Specifications

Application Specification

English