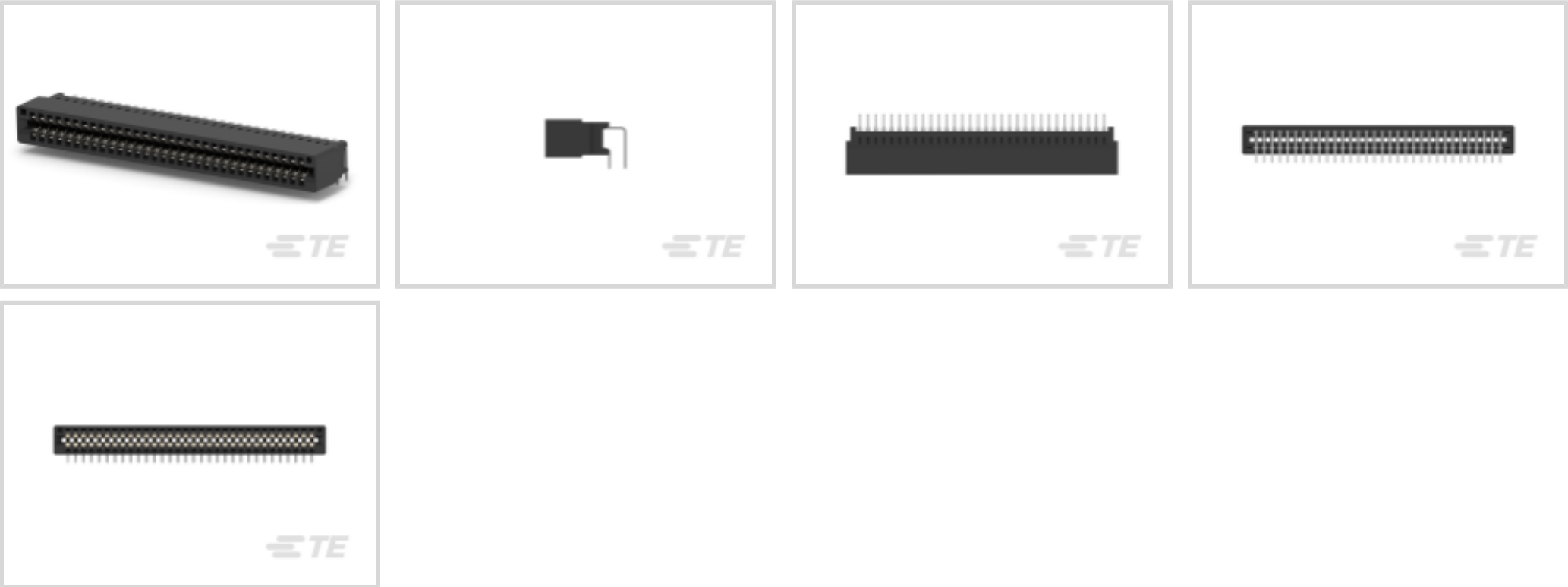




Connectors > PCB Connectors > PCB Headers & Receptacles



PCB Connector Type: **PCB Mount Header**

PCB Mount Orientation: **Right Angle**

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

Number of Positions: **32**

Number of Rows: **2**

Features

Product Type Features

Connector Shape	Rectangular
PCB Connector Type	PCB Mount Header
Connector System	Wire-to-Board
Header Type	Fully Shrouded
Sealable	No
Connector & Contact Terminates To	Printed Circuit Board
Connector Product Type	Connector Assembly

Configuration Features

Number of Loaded Positions	27
Number of Power Positions	32
PCB Mount Orientation	Right Angle
Number of Positions	32
Number of Rows	2

Electrical Characteristics

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Operating Voltage	400 VDC
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Body Features

Primary Product Color	Black
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Contact Features

Contact Underplating Material	Nickel
Contact Underplating Material Thickness	1.27 µm[50 µin]
Contact Mating Area Plating Material Thickness	.381 µm[15 µin]
PCB Contact Termination Area Plating Material Thickness	2.54 µm[100 µin]
Contact Layout	Matrix
Contact Base Material	Copper Alloy
PCB Contact Termination Area Plating Material	Tin
Contact Mating Area Plating Material	Gold (Au)
Contact Type	Receptacle
Contact Current Rating (Max)	6.05 A

Termination Features

Termination Post & Tail Length	3.56 mm[.14 in]
Termination Method to PCB	Through Hole - Press-Fit

Mechanical Attachment

Mating Alignment Type	Polarization
PCB Mount Retention	Without
PCB Mount Alignment	Without
Connector Mounting Type	Board Mount
Mating Alignment	With

Housing Features

Housing Material	Polyester GF
Centerline (Pitch)	2.54 mm[.1 in]

Dimensions

Row-to-Row Spacing	3.81 mm[.15 in]
Connector Width	15.49 mm[.61 in]
PCB Thickness (Recommended)	1.57 mm[.062 in]
Connector Height	9.35 mm[.368 in]
Connector Length	87.88 mm[3.46 in]



Usage Conditions

Operating Temperature (Max)	105 °C[185 °F]
Operating Temperature Range	-55 – 85 °C[-67 – 185 °F]

Operation/Application

Circuit Application	Power
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Industry Standards

Glow Wire Rating	Standard Part - Not Glow Wire
UL Flammability Rating	UL 94V-0

Packaging Features

Packaging Quantity	15
Packaging Method	Tray

Other

Position Locations Omitted	3, 6, 7, 8, 23
Number of Blocked Positions	5

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: JAN 2025 (247) Candidate List Declared Against: JAN 2025 (247) 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



TE Part # 2343428-1  
HD+ CE, RA, CRPS

Customers Also Bought



TE Part #3-1625892-1  
3W SM M/OX 5% 220R



TE Part #BEA894N0000051A000  
917 RECEPTACLE, SPEEDTEC



TE Part #1-770170-1  
03P MINI UMNL ASSY VO SNAU LF



TE Part #CAT-P23-ECK  
High Voltage DC Contactors, hermetically sealed, ceramic technology



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



TE Part #796739-2  
2 POS PCB MT 9.52MM HI CRT TBK

TE Part #1-2391130-0  
MB Lite,R/A,HDR,SOLDER



TE Part #1463329-1  
EXTRACTION TOOL



TE Part #2-5178238-4  
CHAMP.050 REC ASS'Y 26P PB-FRE

Documents

Product Drawings  
CONNECTOR ASSY, HIGH CURRENT CARD EDGE,  
English



CAD Files

3D PDF

3D

Customer View Model

ENG\_CVM\_CVM\_2007209-1\_A\_c-2007209-1-a.2d\_dxf.zip

English

Customer View Model

ENG\_CVM\_CVM\_2007209-1\_A\_c-2007209-1-a.3d\_igs.zip

English

Customer View Model

ENG\_CVM\_CVM\_2007209-1\_A\_c-2007209-1-a.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