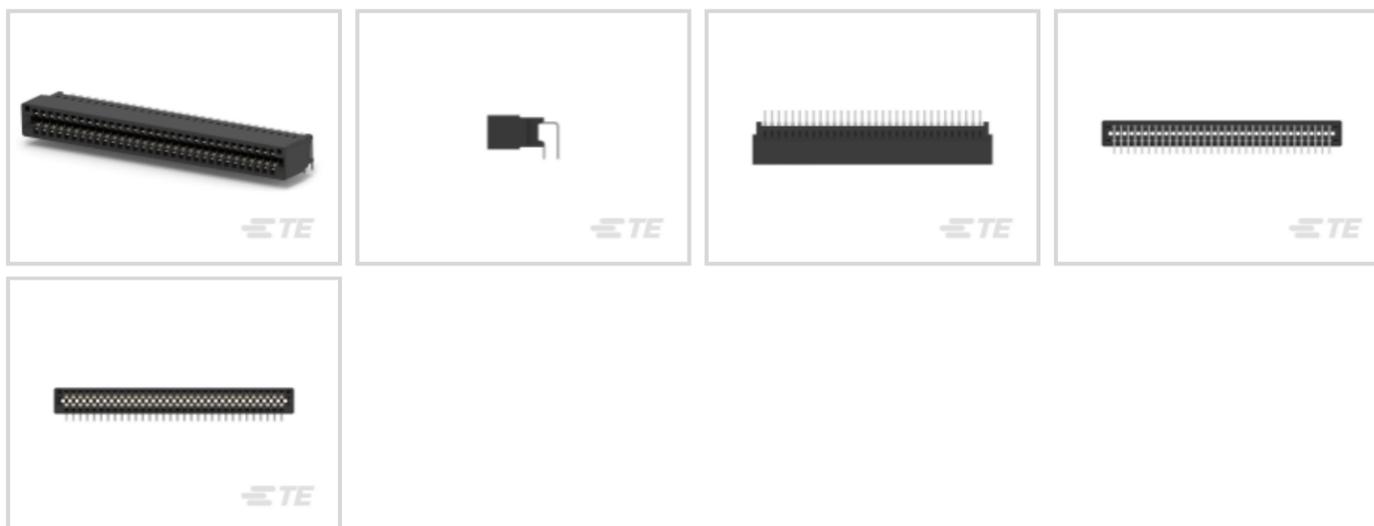




TE Internal #: 2007209-1  
 PCB Mount Header, Right Angle, Wire-to-Board, 32 Position, 2.54 mm [.1 in] Centerline, Fully Shrouded, Gold (Au), Through Hole - Press-Fit, Power

[View on TE.com >](#)

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**

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

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

### 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
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Contact Underplating Material Thickness	1.27 $\mu$ m[50 $\mu$ in]
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PCB Contact Termination Area Plating Material Thickness	2.54 $\mu$ m[100 $\mu$ in]
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Contact Layout	Matrix
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Contact Base Material	Copper Alloy
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Contact Mating Area Plating Material	Gold (Au)
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Contact Mating Area Plating Material Thickness	.381 $\mu$ m[15 $\mu$ in]
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Contact Type	Receptacle
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Contact Current Rating (Max)	6.05 A
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PCB Contact Termination Area Plating Material	Tin
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### Termination Features

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

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

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

Row-to-Row Spacing	3.81 mm[.15 in]
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Connector Width	15.49 mm[.61 in]
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PCB Thickness (Recommended)	1.57 mm[.062 in]
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Connector Height	9.35 mm[.368 in]
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Connector Length	87.88 mm[3.46 in]
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### 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: JUNE 2025 (250) Candidate List Declared Against: JUNE 2025 (250) 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

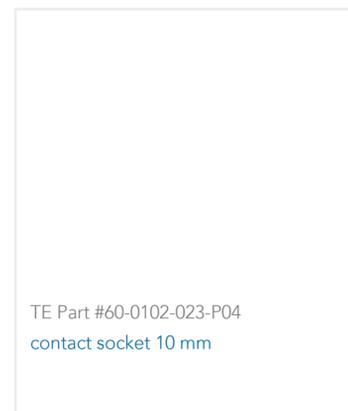
This information is provided based on reasonable inquiry of our suppliers and represents our current actual knowledge based on the information they provided. This information is subject to change. The part numbers that TE has identified as EU RoHS compliant have a maximum concentration of 0.1% by weight 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

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