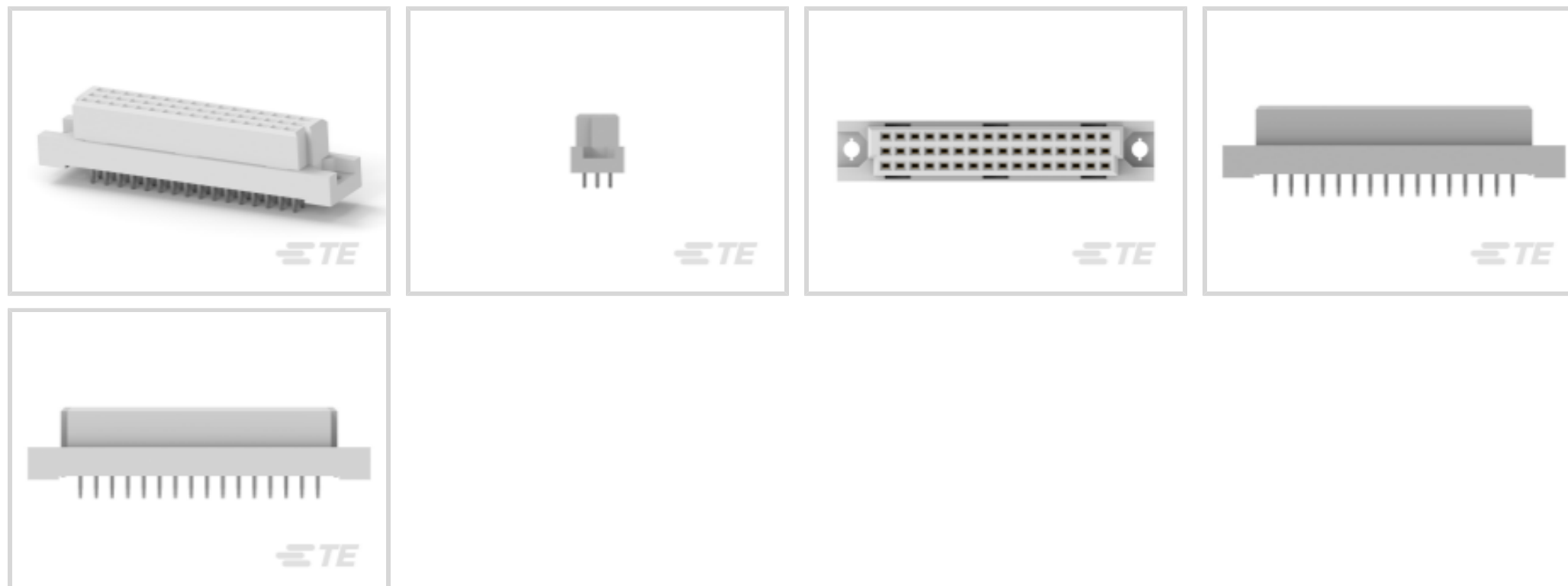




Connectors > PCB Connectors > PCB Headers & Receptacles



PCB Connector Assembly Type: **PCB Mount Receptacle**

PCB Mount Orientation: **Vertical**

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

Number of Positions: **48**

Number of Rows: **3**

## Features

### Product Type Features

PCB Connector Assembly Type	PCB Mount Receptacle
Connector System	Board-to-Board
Sealable	No

### Configuration Features

PCB Mount Orientation	Vertical
Number of Positions	48
Number of Rows	3
Board-to-Board Configuration	Parallel

### Contact Features

Mating Square Post Dimension	.6 mm[.024 in]
Contact Mating Area Plating Material	Gold Flash
Contact Mating Area Plating Material Thickness	.762 μm[30 μin]
Contact Type	Receptacle
Contact Current Rating (Max)	2 A

### Termination Features



Rectangular Termination Post & Tail Thickness	2 mm
Square Termination Post & Tail Dimension	.6 mm[.023 in]
Termination Post & Tail Length	3 mm[.118 in]
Termination Method to Printed Circuit Board	Through Hole - Solder

### Mechanical Attachment

PCB Mount Retention Type	None
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### Usage Conditions

Operating Temperature Range	-55 – 105 °C[-67 – 221 °F]
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### Industry Standards

UL Flammability Rating	UL 94V-0
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### Packaging Features

Packaging Method	Tray
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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: JUNE 2022 (224) Does not contain REACH SVHC
Halogen Content	Not Low Halogen - contains Br or Cl > 900 ppm.
Solder Process Capability	Wave solder capable to 260°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 # 4-2271290-0  
CELLO,PIN,48P,TH,RA,FG,DIP3.0,CLIP



TE Part # 2-2271290-0  
CELLO,PIN,48P,TH,RA,FG,DIP2.5,CLIP



TE Part # 2-2271928-0  
CELLO,PIN,48P,TH,RA,FG,DIP2.5,-



TE Part # 4-2271928-0  
CELLO,PIN,48P,TH,RA,FG,DIP3.0,-



TE Part # 6-2271290-0  
CELLO,PIN,48P,TH,RA,FG,DIP4.0,CLIP



TE Part # 6-2271928-0  
CELLO,PIN,48P,TH,RA,FG,DIP4.0,-

## Customers Also Bought



TE Part #1123829-1  
DYNAMIC D-5200 HDR H ASSY 8P



TE Part #1903601-2  
DYNAMIC D-3100D V-HDR ASSY 8P 0.38AU



TE Part #353715-2  
DYNAMIC D-3 REC CONT. 3L AU 0.38



TE Part #4-2271013-0  
CELLO,PIN,96P,TH,RA,FG,DIP3.0,-



TE Part #T1871002201-000  
HB-PLM-PM-BASE



TE Part #T0931000423-001  
CODING-PIN-M3-TM-SELF-TAPPING



TE Part #T0931006524-001  
CODING-PIN-M3-TF-SELF-TAPPING



TE Part #T2050323101-002  
HEEE-032-M



TE Part #T2050323201-002  
HEEE-032-F



## Documents

### Product Drawings

[CELLO,REC,48P,TH,V,FG,DIP3.0,-](#)

English

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### CAD Files

[3D PDF](#)

3D

Customer View Model

[ENG\\_CVM\\_CVM\\_4-2271908-0\\_A.2d\\_dxf.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_4-2271908-0\\_A.3d\\_igs.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_4-2271908-0\\_A.3d\\_stp.zip](#)

English

By downloading the CAD file I accept and agree to the [Terms and Conditions](#) of use.