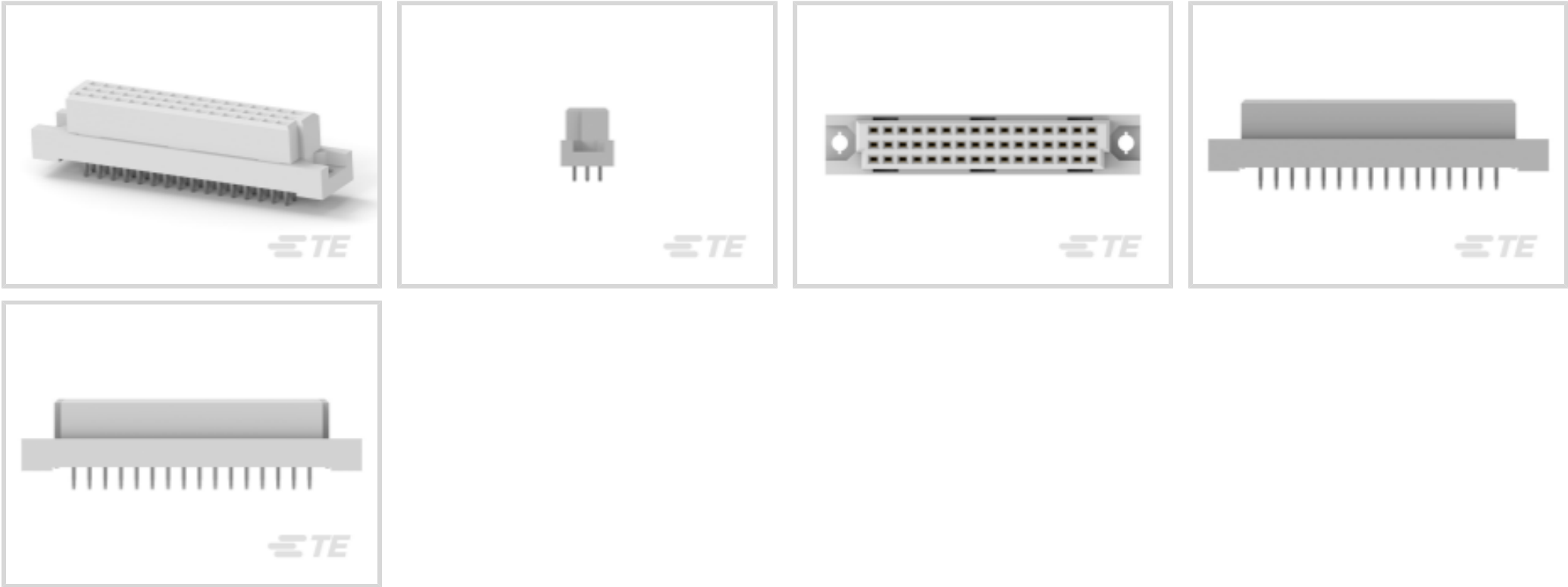




Connectors > PCB Connectors > Board-to-Board Connectors > Board-to-Board Headers & Receptacles



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

PCB Mount Orientation: **Vertical**

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

Number of Positions: **48**

Contact Mating Area Plating Material: **Gold Flash**

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
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
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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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Other

Comment	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: JAN 2021 (211) Candidate List Declared Against: JAN 2020 (205) SVHC > Threshold: Not Yet Reviewed
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 #1-178128-4
DYNAMIC 3200 REC AND TAB HSG

TE Part #1-1318120-3
DYNAMIC 2000 REC AND TAB HSG

TE Part #917485-2
DYNAMIC 3000 CONTACT

TE Part #1-1827876-0
DYNAMIC 1200 HDR ASSY

TE Part #1-2040586-1
DYNAMIC 4000 REC AND TAB CONT

TE Part #1-1649327-3
RT214012

TE Part #1-2232784-2
GIC 7.92MM CONN HDR ASS'Y 2POS RED

Documents

Product Drawings
CELLO,REC,48P,TH,V,FG,DIP3.0,-
English



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.

Product Environmental Compliance

TE Material Declaration

English