

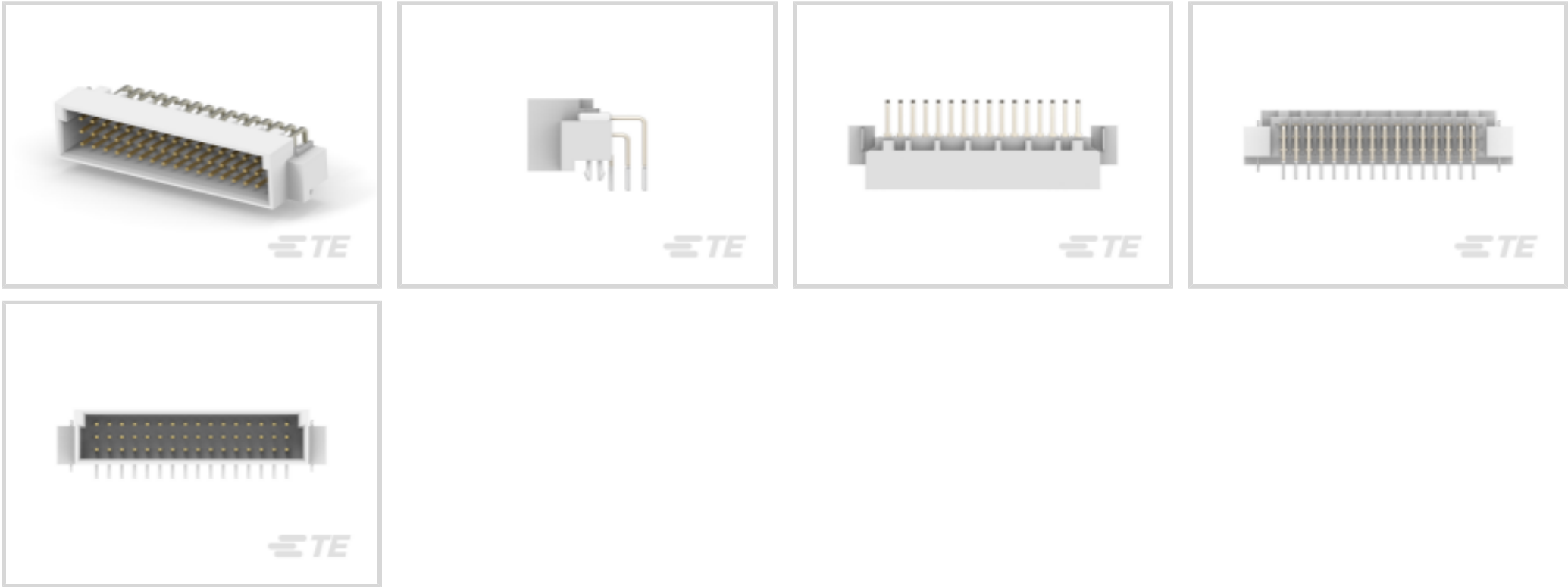


TE Internal #: 4-2271290-0

PCB Mount Header, Right Angle, Board-to-Board, 48 Position, 2.54 mm [.1in] Centerline, Unshrouded, Gold, Printed Circuit Board

[View on TE.com >](#)

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



PCB Connector Assembly Type: **PCB Mount Header**

PCB Mount Orientation: **Right Angle**

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

Number of Positions: **48**

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

Features

Product Type Features

PCB Connector Assembly Type	PCB Mount Header
Connector System	Board-to-Board
Header Type	Unshrouded
Sealable	No
Connector & Contact Terminates To	Printed Circuit Board

Configuration Features

PCB Mount Orientation	Right Angle
Number of Positions	48
Board-to-Board Configuration	Perpendicular

Contact Features

Contact Mating Area Plating Material	Gold
Contact Mating Area Plating Material Thickness	.762 μm[30 μin]
Contact Type	Pin
Contact Current Rating (Max)	2 A

Termination Features



Rectangular Termination Post & Tail Thickness	2 mm
Termination Method to Printed Circuit Board	Through Hole - Solder

Mechanical Attachment

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

Housing Features

Centerline (Pitch)	2.54 mm[.1 in]
Housing Color	Black
Housing Material	Thermoplastic

Dimensions

Row-to-Row Spacing	2.54 mm[.1 in]
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Usage Conditions

Operating Temperature Range	-55 – 105 °C[-67 – 221 °F]
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Operation/Application

Circuit Application	Signal
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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 2021 (211)



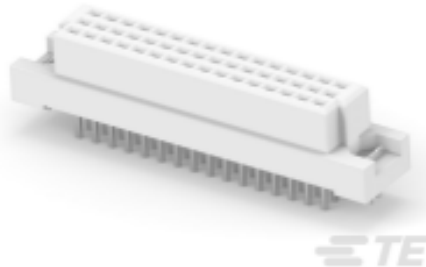
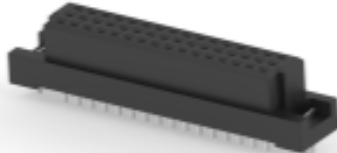
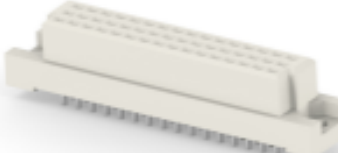
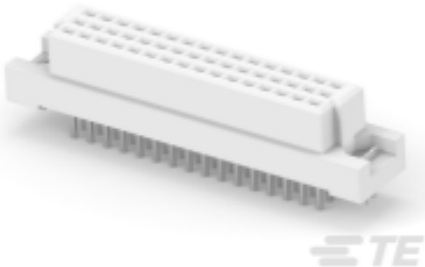
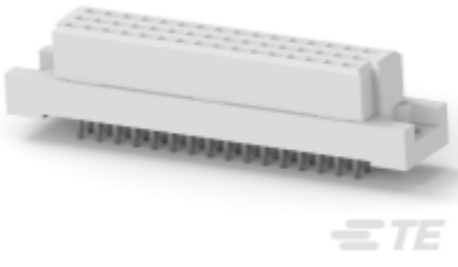
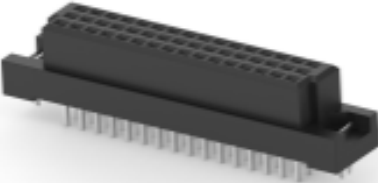
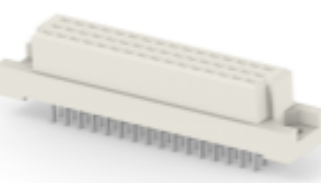
Does not contain REACH SVHC

Halogen Content	Not Low Halogen - contains Br or Cl > 900 ppm.
Solder Process Capability	Not reviewed for solder process capability

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 # 8-2271084-0 CELLO,REC,48P,TH,V,FG,DIP4.57,CLIP	 TE Part # 2-2271084-0 CELLO,PIN HDR,30PIN,TH,RA,GF,DIP2.5	 TE Part # 2-2271908-0 CELLO,REC,48P,TH,V,FG,DIP2.5,-	 TE Part # 4-2271084-0 CELLO,REC,48P,TH,V,FG,DIP3.0,CLIP
 TE Part # 4-2271908-0 CELLO,REC,48P,TH,V,FG,DIP3.0,-	 TE Part # 6-2271084-0 CELLO,REC,48P,TH,V,FG,DIP4.0,CLIP	 TE Part # 6-2271908-0 CELLO,REC,48P,TH,V,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
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Documents

Product Drawings

[CELLO,PIN,48P,TH,RA,FG,DIP3.0,CLIP](#)

English

CAD Files

[3D PDF](#)

3D

Customer View Model

[ENG_CVM_CVM_4-2271290-0_A.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_CVM_4-2271290-0_A.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_4-2271290-0_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