

8-2271084-0 ✓ ACTIVE

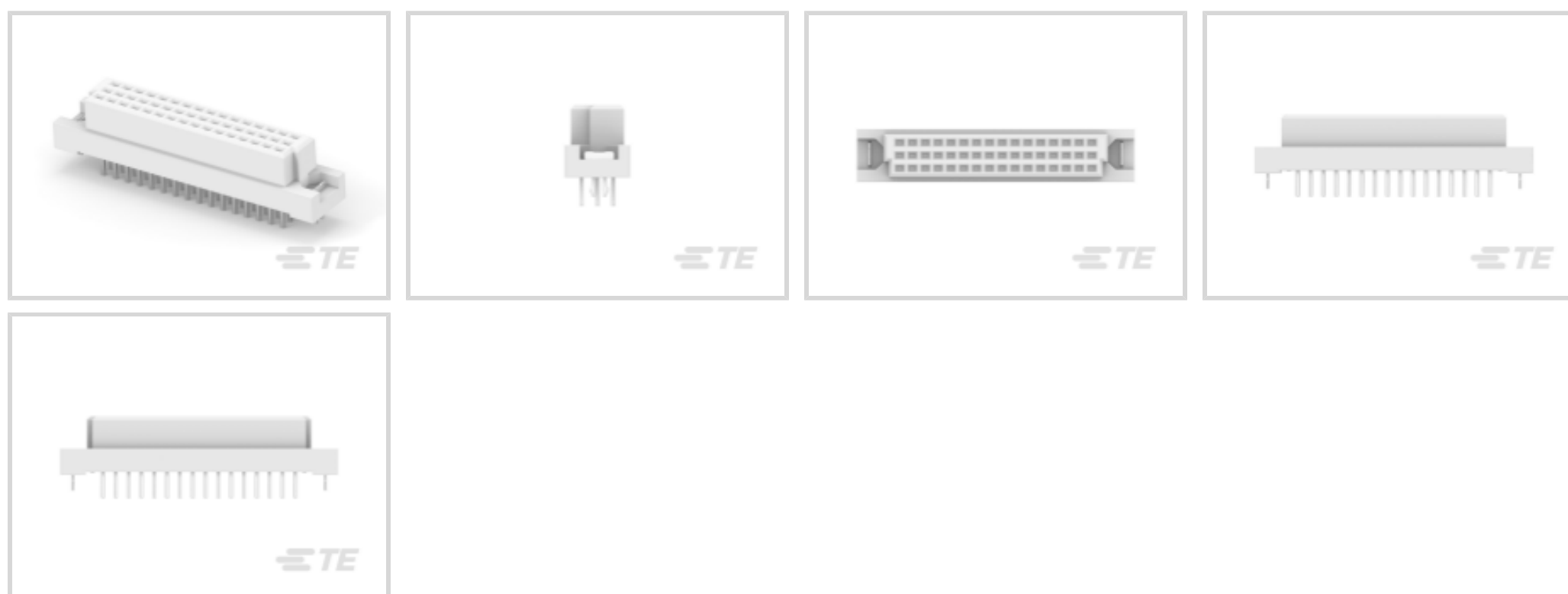
TE Internal #: 8-2271084-0

PCB Mount Receptacle, Vertical, Board-to-Board, 48 Position, 2.54 mm [.1 in] Centerline, Gold, Through Hole - Solder, Signal, Black, Tray

[View on TE.com >](#)



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

Dimensions

Row-to-Row Spacing	2.54 mm [.1 in]
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Termination Features

Rectangular Termination Post & Tail Thickness	2 mm
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Termination Method to PCB	Through Hole - Solder
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Contact Features

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

Housing Material	Thermoplastic
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Centerline (Pitch)	2.54 mm [.1 in]
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Configuration Features

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

PCB Connector Assembly Type	PCB Mount Receptacle
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Connector System	Board-to-Board
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Sealable	No
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Connector & Contact Terminates To	Printed Circuit Board
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Body Features

Primary Product Color	Black
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Mechanical Attachment

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

EU RoHS Compliance	Compliant
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EU ELV Compliance	Compliant
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Product Compliance

[For compliance documentation, visit the product page on TE.com>](#)

EU RoHS Directive 2011/65/EU	Compliant
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EU ELV Directive 2000/53/EC	Compliant
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China RoHS 2 Directive MIIT Order No 32, 2016	No Restricted Materials Above Threshold
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EU REACH Regulation (EC) No. 1907/2006

Current ECHA Candidate List: JUNE 2024 (241)

Candidate List Declared Against: JUNE 2024 (241)

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



Customers Also Bought





TE Part #1-917542-2
DYNAMIC D-5 S/ROW HDR ASY 4P V



TE Part #2-2324582-0
HSG,REC,FREE-HANGING,DUALROW,
EP2.5



TE Part #2-2324579-0
HOUSING, PLUG, 20P,DUAL ROW,
EP2.5

Documents

Product Drawings

[CELLO,REC,48P,TH,V,FG,DIP4.57,CLIP](#)

English

CAD Files

[3D PDF](#)

3D

Customer View Model

[ENG_CVM_CVM_8-2271084-0_A.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_CVM_8-2271084-0_A.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_8-2271084-0_A.3d_stp.zip](#)

English

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Product Specifications

[Product Specification](#)

English