

4-2271013-0 ✓ ACTIVE

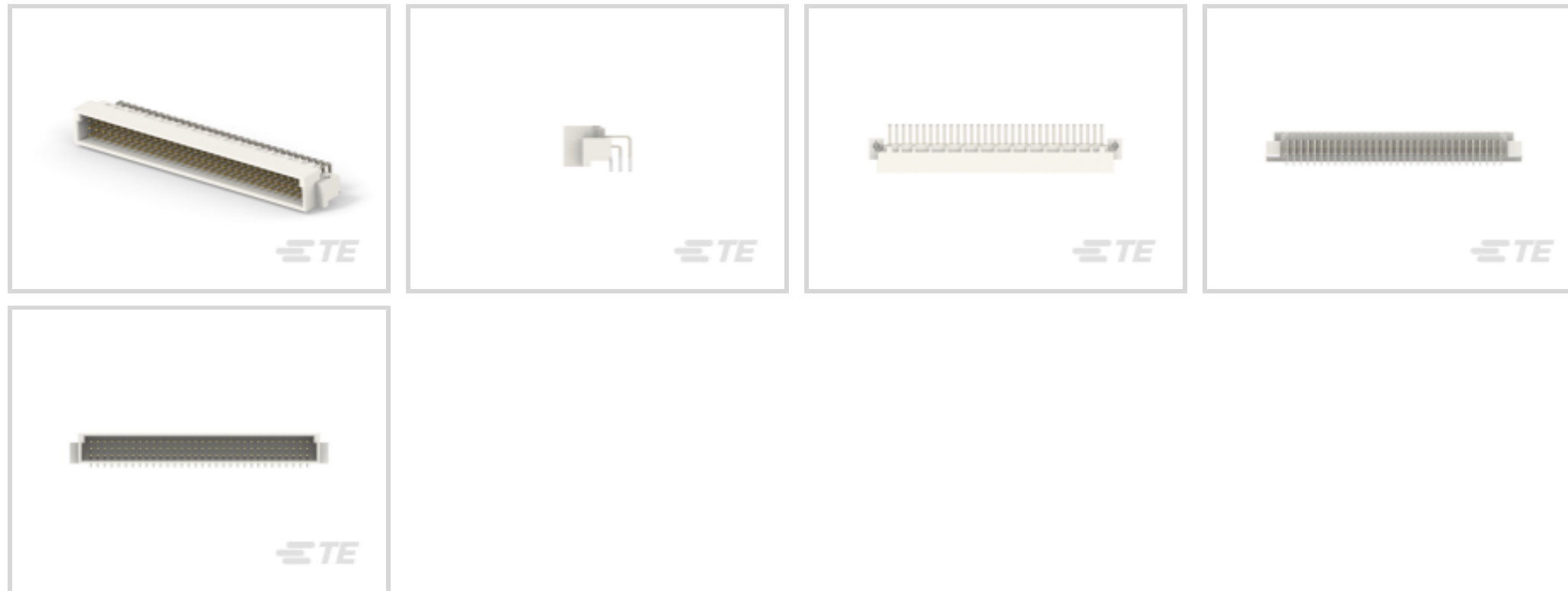
TE Internal #: 4-2271013-0

PCB Mount Header, Right Angle, Board-to-Board, 96 Position, 2.54 mm [.1 in] Centerline, Fully Shrouded, Gold Flash, Through Hole - Solder, Signal

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Connectors > PCB Connectors > PCB Headers & Receptacles



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

PCB Mount Orientation: **Right Angle**

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

Number of Positions: **96**

Number of Rows: **3**

Features

Dimensions

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

Packaging Quantity	30
Packaging Method	Tray

Usage Conditions

Operating Temperature (Max)	105 °C [221 °F]
Operating Temperature Range	-55 – 105 °C [-67 – 221 °F]

Termination Features

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

Contact Features

Contact Underplating Material	Nickel
Contact Underplating Material Thickness	1.27 µm [50 µin]
Contact Mating Area Plating Material Thickness	.076 µm [2.99 µin]



PCB Contact Termination Area Plating Material Thickness	2.54 µm[100 µin]
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Contact Base Material	Copper Alloy
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PCB Contact Termination Area Plating Material	Tin
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Contact Mating Area Plating Material	Gold Flash
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Contact Type	Pin
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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	Perpendicular
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PCB Mount Orientation	Right Angle
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Number of Positions	96
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Number of Rows	3
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Product Type Features

PCB Connector Assembly Type	PCB Mount Header
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Connector System	Board-to-Board
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Header Type	Fully Shrouded
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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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Operation/Application

Circuit Application	Signal
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Industry Standards

UL Flammability Rating	UL 94V-0
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Other



EU RoHS Compliance	Compliant
EU ELV Compliance	Compliant

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 2024 (241) 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 # 4-2834379-0
CELLO,REC,96P,TH,RA,FG,DIP3.0,



TE Part # 8-2271014-0
CELLO,REC,96P,TH,V,FG,DIP4.57,-



TE Part # 4-2271014-0
CELLO,REC,96P,TH,V,FG,DIP3.0,-



TE Part # 6-2271082-0
CELLO,REC,96P,TH,V,FG,DIP4.0,CLIP

Customers Also Bought



Documents

Product Drawings

[CELLO, PIN, 96P, TH, RA, FG, DIP3.0, -](#)

English

CAD Files

[3D PDF](#)

3D

Customer View Model

[ENG_CVM_CVM_4-2271013-0_A.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_CVM_4-2271013-0_A.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_4-2271013-0_A.3d_stp.zip](#)

English

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

Product Specifications

4-2271013-0

PCB Mount Header, Right Angle, Board-to-Board, 96 Position, 2.54 mm [.1 in]
Centerline, Fully Shrouded, Gold Flash, Through Hole - Solder, Signal



Product Specification

English