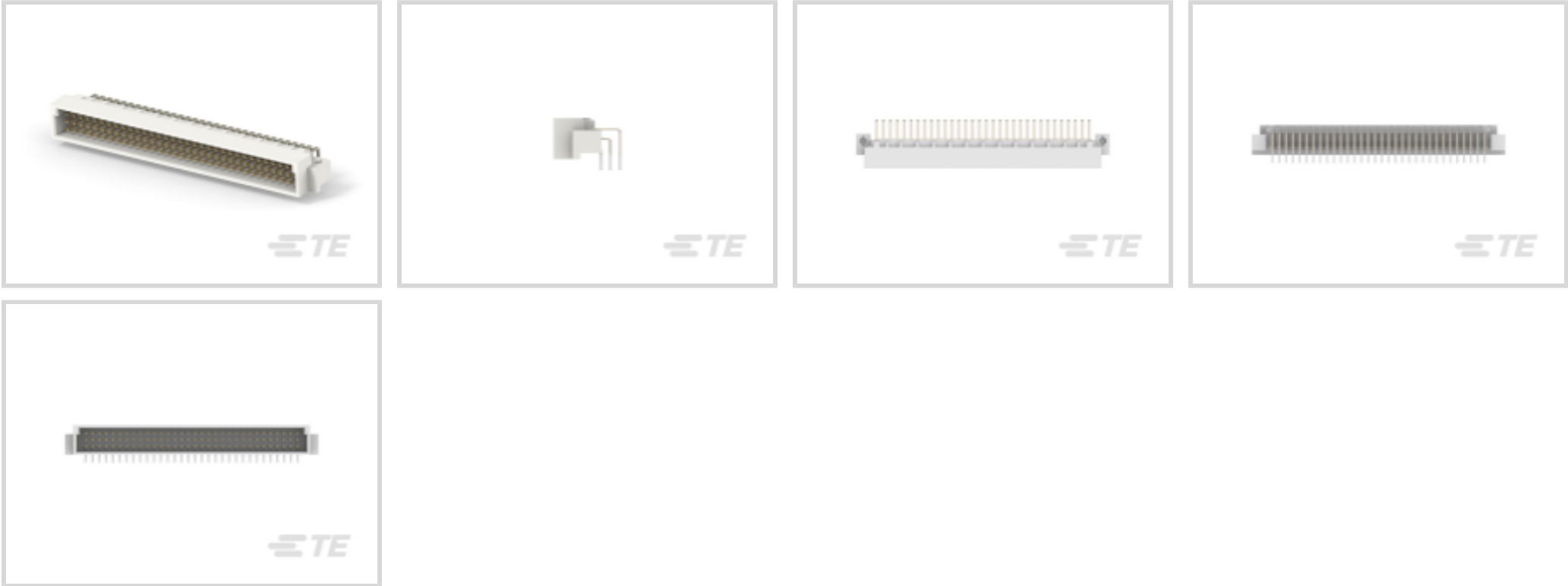




TE Internal #: 6-2271013-0
PCB Mount Header, Right Angle, Board-to-Board, 96 Position, 2.54 mm [.1in] Centerline, Unshrouded, Gold or Gold Flash, Printed Circuit Board
[View on TE.com >](#)

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: **96**
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	96
Board-to-Board Configuration	Perpendicular

Contact Features

Contact Mating Area Plating Material	Gold or Gold Flash
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


 <p>TE Part # 4-2271014-0 CELLO,REC,96P,TH,V,FG,DIP3.0,-</p>	 <p>TE Part # 8-2271014-0 CELLO,REC,96P,TH,V,FG,DIP4.57,-</p>	 <p>TE Part # 2-2271014-0 CELLO,REC,96P,TH,V,FG,DIP2.5,-</p>	 <p>TE Part # 2-2271082-0 CELLO,REC,96P,TH,V,FG,DIP2.5,CLIP</p>
 <p>TE Part # 2-2271982-0 CELLO REC 16P TH RA FG DIP2.5 CLIP</p>	 <p>TE Part # 4-2271082-0 CELLO,REC,96P,TH,V,FG,DIP3.0,CLIP</p>	 <p>TE Part # 4-2834379-0 CELLO,REC,96P,TH,RA,FG,DIP3.0,</p>	 <p>TE Part # 6-2271014-0 CELLO,REC,96P,TH,V,FG,DIP4.0,-</p>
 <p>TE Part # 6-2271082-0 CELLO,REC,96P,TH,V,FG,DIP4.0,CLIP</p>	 <p>TE Part # 8-2271082-0 CELLO,FEMALE,TYPE C, 2.54PITCH, V, 96PIN</p>		




Customers Also Bought




TE Part #T2114000101-000
HMN-USB-M




TE Part #350654-7
UMNL GROUNDING PIN AUBR




TE Part #1734775-1
Std USB Type A, Flag, T/H, 1.5A




TE Part #2-2271457-4
DYNAMIC 3950 ASSY




TE Part #5650992-5
ASSY,RECPT,ENH.TYPE C,
EUROCARD,L-FREE,5




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



TE Part #318A-120
CABLE 318A



TE Part #8711-01-080
MODEL 8711-01 ACCELEROMETER



TE Part #T1009033100-000
H3A-KDBP

Documents

Product Drawings
CELLO,PIN,96P,TH,RA,FG,DIP4.0,-
English

CAD Files
3D PDF
3D
Customer View Model
ENG_CVM_CVM_6-2271013-0_A.2d_dxf.zip
English
Customer View Model
ENG_CVM_CVM_6-2271013-0_A.3d_igs.zip
English
Customer View Model
ENG_CVM_CVM_6-2271013-0_A.3d_stp.zip
English

By downloading the CAD file I accept and agree to the Terms and Conditions of use.

6-2271013-0

PCB Mount Header, Right Angle, Board-to-Board, 96 Position, 2.54mm [.1in]
Centerline, Unshrouded, Gold or Gold Flash, Printed Circuit Board



Product Specifications

Product Specification

English