

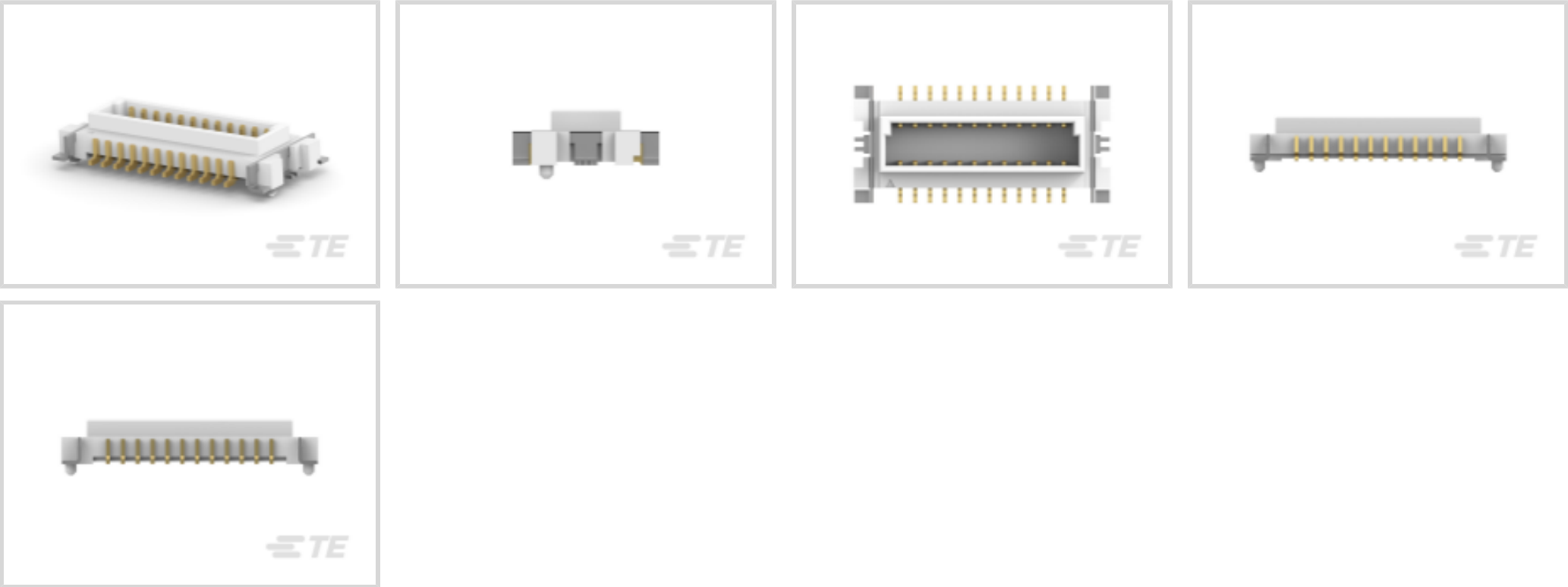


TE Internal #: 1775014-2

PCB Mount Header, Vertical, Board-to-Board, 24 Position, .8 mm [.031 in] Centerline, Gold Flash, Surface Mount, Signal, Natural, Tape & Reel

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Connectors > PCB Connectors > PCB Headers & Receptacles



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

PCB Mount Orientation: **Vertical**

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

Number of Positions: **24**

Centerline (Pitch): **.8 mm [.031 in]**

Features

Electrical Characteristics

Operating Voltage	50 VAC
Insulation Resistance	2 MΩ
Dielectric Withstanding Voltage (Max)	500 VAC

Dimensions

Stack Height	3 mm[.118 in]
Connector Height	2.4 mm[.094 in]

Packaging Features

Packaging Quantity	1500
Packaging Method	Tape & Reel

Usage Conditions

Housing Temperature Rating	High
Operating Temperature Range	-25 – 85 °C[-13 – 185 °F]

Body Features

Assembly Process Feature Material	Mylar
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Connector Profile	Low
Primary Product Color	Natural

Operation/Application

Assembly Process Feature	Pick and Place Cover
Circuit Application	Signal

Mechanical Attachment

Mating Alignment Type	Polarized
PCB Mount Retention Type	None
PCB Mount Alignment Type	Locating Posts
PCB Mount Retention	Without
PCB Mount Alignment	With
Connector Mounting Type	Board Mount
Mating Alignment	With

Termination Features

Rectangular Termination Post & Tail Width	.7 mm[.028 in]
Rectangular Termination Post & Tail Thickness	.2 mm[.008 in]
Termination Method to PCB	Surface Mount

Contact Features

PCB Contact Termination Area Plating Material Thickness	2.54 μm[99.9998 μin]
Contact Shape & Form	Square
Contact Layout	Inline
Contact Base Material	Phosphor Bronze
PCB Contact Termination Area Plating Material	Gold Flash
Contact Mating Area Plating Material	Gold Flash
Contact Type	Tab
Contact Current Rating (Max)	.5 A

Housing Features

Housing Material	Nylon 6T
Centerline (Pitch)	.8 mm[.031 in]

Configuration Features

Board-to-Board Configuration	Parallel
Stackable	Yes



PCB Mount Orientation	Vertical
Number of Positions	24

Product Type Features

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

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: JAN 2024 (240) Does not contain REACH SVHC
Halogen Content	Low Halogen - Br, Cl, F, I < 900 ppm per homogenous material. Also BFR/CFR/PVC Free
Solder Process Capability	Reflow 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 # 1775013-2
0.8 BTB FS RCPT G/F 24P

Customers Also Bought

TE Part #806674-000
202D932-25-0

TE Part #1-1318118-6
DYNAMIC D-2100 REC HSG 12P

TE Part #130046
PIDG RING TONGUE

TE Part #1318108-1
DYNAMIC D-2000 REC CONT S L/P

TE Part #1445995-1
CONTACT, 120 PWR PROD,2AWG

TE Part #1604001-2
120A SGL POLE HSG SUBASY,BLACK

TE Part #1-2176339-6
CRGCO 0603 180R 1%

TE Part #1622952-1
CRG0603 1% 47K

TE Part #3580590030
TRSA-1019/C/1/F

TE Part #3580590023
TRSA-1019/C/1/MINUS

Documents

Product Drawings
0.8 BTB FS 3H PLUG G/F 24P
English

CAD Files
3D PDF



3D

Customer View Model

[ENG_CVM_CVM_1775014-2_G.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_CVM_1775014-2_G.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_1775014-2_G.3d_stp.zip](#)

English

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

Product Specifications

[Crimping of AMP Lattice Contact](#)

English

[Application Specification](#)

English