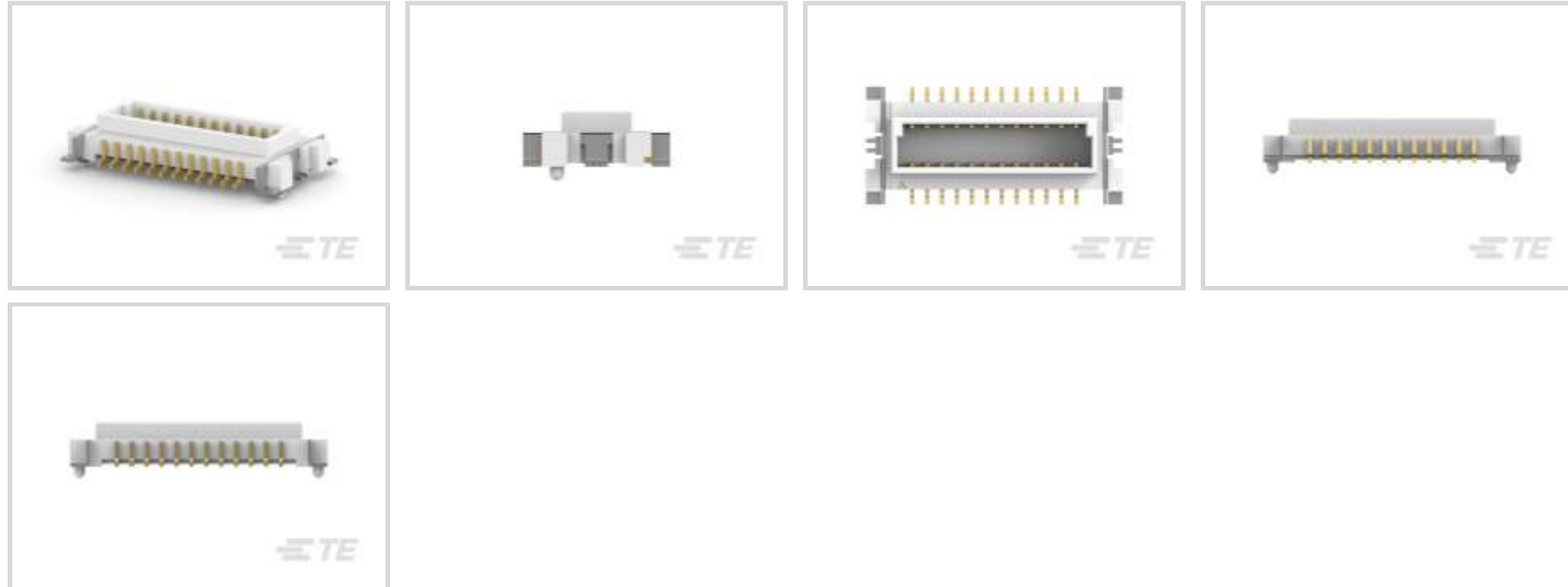




Connectors > PCB Connectors > PCB Headers & Receptacles



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

Product Type Features

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

Configuration Features

Stackable	Yes
PCB Mount Orientation	Vertical
Number of Positions	24
Board-to-Board Configuration	Parallel

Electrical Characteristics

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

Body Features

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

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

Rectangular Termination Post & Tail Thickness	.2 mm[.008 in]
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Rectangular Termination Post & Tail Width	.7 mm[.028 in]
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Termination Method to Printed Circuit Board	Surface Mount
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Mechanical Attachment

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

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

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

Housing Temperature Rating	High
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Operating Temperature Range	-25 – 85 $^{\circ}\text{C}$ [-13 – 185 $^{\circ}\text{F}$]
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Operation/Application

Assembly Process Feature	Pick and Place Cover
Circuit Application	Signal

Industry Standards

UL Flammability Rating	UL 94V-0
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Packaging Features

Packaging Quantity	1500
Packaging Type	Tape & Reel

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 2023 (235) Candidate List Declared Against: JAN 2023 (233) 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

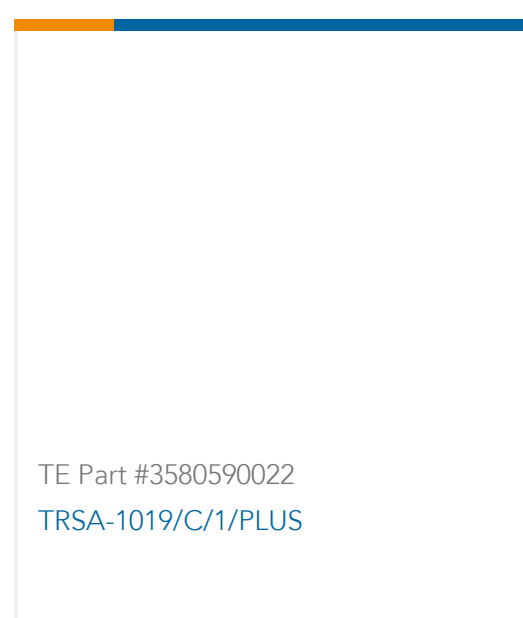
Product Compliance Disclaimer

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



Customers Also Bought



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