

Generation Y Connector System

TE Internal #: 1-2288242-1

TE Internal Description: 24P HYBRID HEADER ASSY, KEY A

Press-Fit & SMT Header

[View on TE.com >](#)



Connectors > PCB Connectors > PCB Headers & Receptacles > Press-Fit & SMT Header



PCB Connector Type: **PCB Mount Header**

PCB Mount Orientation: **Horizontal**

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

Number of Positions: **24**

Number of Rows: **2**

[All Press-Fit & SMT Header \(22\)](#)

Features

Product Type Features

Mixed & Hybrid Header	Yes
Connector Shape	Rectangular
PCB Connector Type	PCB Mount Header
Connector System	Wire-to-Board
Header Type	Fully Shrouded
Sealable	No
Connector & Contact Terminates To	Printed Circuit Board

Configuration Features

Number of Sections	1
Number of Signal Positions	20
PCB Mount Orientation	Horizontal
Number of Positions	24
Number of Rows	2



Body Features

Connector & Keying Code	A
Primary Product Color	Black

Contact Features

Mating Tab Thickness	.6 mm, .8 mm[.024 in][.031 in]
Contact Size	.64mm, 2.8mm
Mating Tab Width	.64 mm, 2.5 mm[.025 in][.1 in]
Contact Type	Tab

Termination Features

Termination Method to PCB	Through Hole - Press-Fit
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Mechanical Attachment

Mounting Holes	Without
PCB Mount Retention	Without
PCB Mount Alignment	With
Mating Alignment	With

Housing Features

Centerline (Pitch)	2.54 mm, 6.05 mm[.1 in][.238 in]
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Dimensions

Connector Width	35.3 mm[1.39 in]
PCB Thickness (Recommended)	1 – .8 mm[.04 – .031 in]
Connector Length	63.16 mm[2.487 in]
Profile Height from PCB	21.9 mm[.862 in]

Usage Conditions

Operating Temperature (Max)	65 °C, 70 °C, 75 °C, 80 °C, 85 °C, 90 °C, 100 °C[212 °F]
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Operation/Application

Shielded	No
Circuit Application	Power & Signal

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
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 2025 (247) 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	Not applicable 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>


Also in the Series | Generation Y Connector System



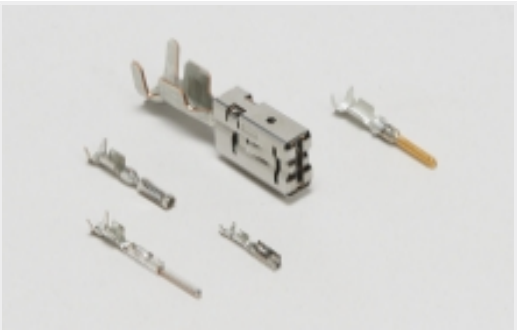
Automotive Connector Caps & Covers
(19)




Automotive Headers(14)




Automotive Housings(140)



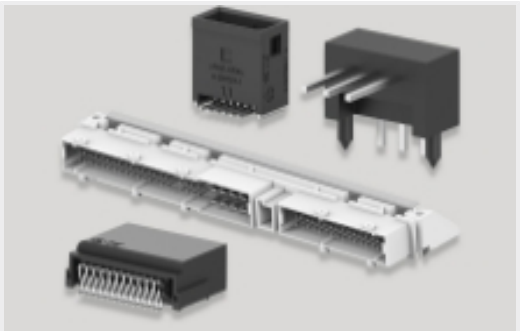
Automotive Terminals(43)




Connector Seals & Cavity Plugs(6)



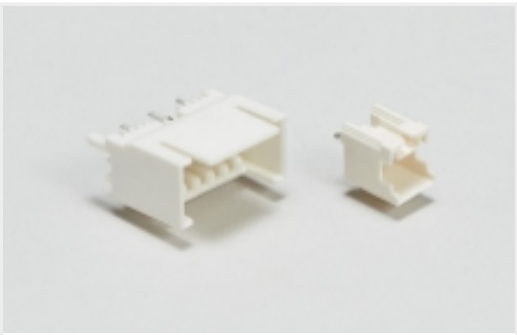
Insertion & Extraction Tools(1)



PCB Headers & Receptacles(14)



Rectangular Power Connectors(2)



Wire-to-Board Headers & Receptacles
(13)

Customers Also Bought



TE Part #DT06-08SB-CE05
PLG, 8P, BLK, E, SEAL RET, CAP, B



TE Part #130014
TERM, R, PG, 22-16, M5



TE Part #384453-E
SRCBUG A 2,54 2 4 CSI 112 E1 ADV J
2 324



TE Part #1-2141261-1
SHIELD CRIMP FERRULE,INNER

Documents

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_1-2288242-1_A.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_1-2288242-1_A.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_1-2288242-1_A.3d_stp.zip

English

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

Product Specifications

Application Specification

English