



TH/.025 Connector System

TE Internal #: 1952065-1
PCB Mount Header, Horizontal, Wire-to-Board, 12 Position, 3.8 mm
[.149 in] Centerline, Fully Shrouded, Tin, TH/.025 Connector System

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Connectors > PCB Connectors > PCB Headers & Receptacles > Low & Medium Power Header



Connector System: **Wire-to-Board**
Number of Positions: **12**
Centerline (Pitch): **3.8 mm [.149 in]**
Sealable: **No**
PCB Mount Orientation: **Horizontal**

[All Low & Medium Power Header \(169\)](#)

Features

Product Type Features

Hybrid Header	No
Connector Shape	Rectangular
PCB Connector Assembly Type	PCB Mount Header
Header Type	Fully Shrouded
Connector System	Wire-to-Board
Sealable	No

Configuration Features

Number of Sections	1
Number of Signal Positions	12
Number of Positions	12
PCB Mount Orientation	Horizontal
Number of Rows	2

Body Features



Primary Product Color	Black
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Contact Features

Contact Size	2.28mm
Contact Type	Tab
Mating Tab Width	2.3 mm[.09 in]
Mating Tab Thickness	.64 mm[.025 in]
Contact Mating Area Plating Material	Tin

Termination Features

Termination Method to Printed Circuit Board	Through Hole - Solder
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Mechanical Attachment

Mounting Holes	With
Mating Retention	With
Mating Alignment	With
PCB Mount Alignment	With
Panel Mount Feature	Without
PCB Mount Retention	With
PCB Mount Retention Type	Mounting Hole
Mating Retention Type	Locking Interface

Housing Features

Centerline (Pitch)	3.8 mm[.149 in]
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Dimensions

Connector Length	34.9 mm[1.37 in]
Connector Width	30.85 mm[1.21 in]
PCB Thickness (Recommended)	1.57 mm[.062 in]
Profile Height from PCB	28.5 mm[1.12 in]

Operation/Application

Shielded	No
Circuit Application	Signal

Packaging Features

Packaging Type	Box
Packaging Quantity	240



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: JUNE 2023 (235) 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



TE Part # CAT-M9194-T273
MULTILOCK, RECEPTACLE AND TAB



TE Part # 1939605-1
0.64/2.3 SERIES 20POS.PLUG
HOUSING ASSY

Also in the Series | TH/.025 Connector System



Automotive Connector Caps & Covers
(6)

Automotive Housings(223)

Automotive Terminals(26)

Connector Seals & Cavity Plugs(2)

Insertion & Extraction Tools(4)

Other Automotive Connector
Accessories(5)

PCB Headers & Receptacles(163)

Customers Also Bought

TE Part #368135-6
040/070 HYB 22P PLUG HSG GRAY

TE Part #353537-1
040-3 UNSEALED CONT.TAB(S)

TE Part #1123343-1
025 REC CONTACT

TE Part #1746864-2
0.64III/2.3II 24POS PLUG ASSY

TE Part #1939608-3
0.64/2.3 SERIES 20POS.CAP
HOUSING ASSY

TE Part #284224-5
MOS, CONNECTOR HOUSING

TE Part #1823895-1
HSD, SHIELD,CONTACT

TE Part #2209954-3
AIRBAG 24P COVER ASSY

Documents

- Product Drawings
- 090 SERIES CONN 12 POS CAP HSG ASSY
- English
- CAD Files
- 3D PDF
- 3D
- Customer View Model
- ENG_CVM_CVM_1952065-1_A.2d_dxf.zip

1952065-1

PCB Mount Header, Horizontal, Wire-to-Board, 12 Position, 3.8 mm [.149 in]
Centerline, Fully Shrouded, Tin, TH/.025 Connector System



English

Customer View Model

[ENG_CVM_CVM_1952065-1_A.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_1952065-1_A.3d_stp.zip](#)

English

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