

2098978-1 ✓ ACTIVE

## AMP 0.64 Connector System

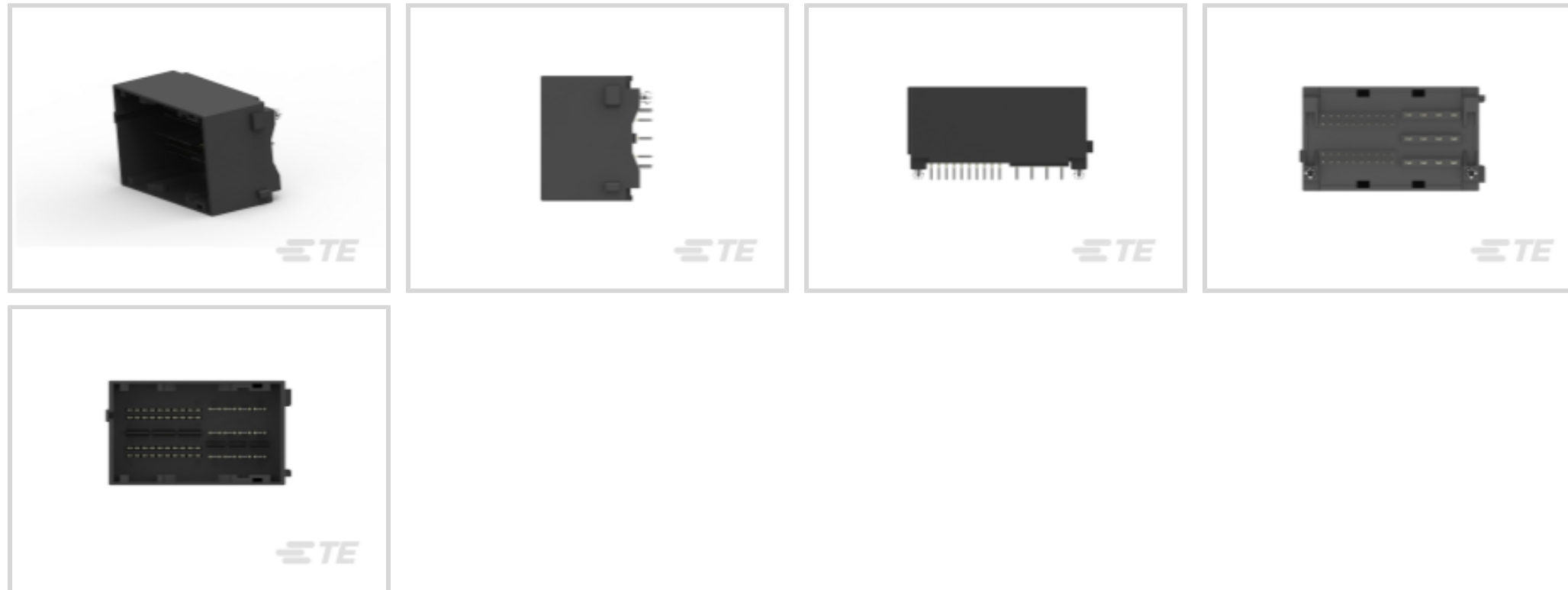
TE Internal #: 2098978-1

PCB Mount Header, Vertical, Wire-to-Board, 52 Position, 2.54 mm [.1 in / .197 in] Centerline, Fully Shrouded, Tin, AMP 0.64 Connector System

[View on TE.com >](#)



Connectors > PCB Connectors > PCB Headers & Receptacles > High Pin Count Header



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

Number of Positions: **52**

Centerline (Pitch): **2.54 mm [ .1 in, .197 in ]**

Sealable: **No**

PCB Mount Orientation: **Vertical**

[All High Pin Count Header \(135\)](#)

## Features

### Product Type Features

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

### Configuration Features

Number of Sections	1
Number of Positions	52
PCB Mount Orientation	Vertical
Number of Rows	3



### Body Features

Primary Product Color	Black
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### Contact Features

Contact Type	Tab
Mating Tab Width	.64 mm, 2.8 mm [.025 in][.11 in]
Mating Tab Thickness	.64 mm, .8 mm [.025 in][.031 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	Without
Mating Retention	With
Mating Alignment	With
PCB Mount Alignment	With
Panel Mount Feature	Without
PCB Mount Retention	With
PCB Mount Retention Type	Boardlock
Mating Retention Type	Locking Interface

### Housing Features

Centerline (Pitch)	2.54 mm [.1 in][.197 in]
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### Dimensions

Connector Length	59 mm [2.32 in]
Connector Width	34.8 mm [1.37 in]
Profile Height from PCB	27.6 mm [1.08 in]

### Operation/Application

Shielded	No
Circuit Application	Signal

### Packaging Features

Packaging Type	Box
Packaging Quantity	40

### Product Compliance




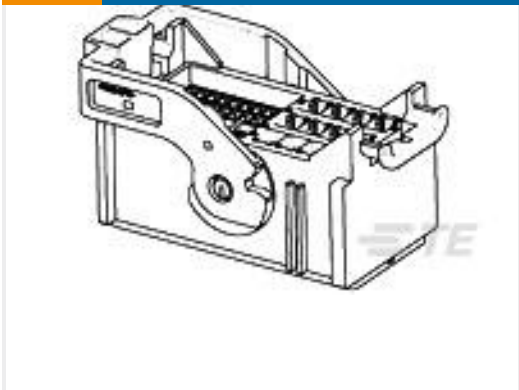
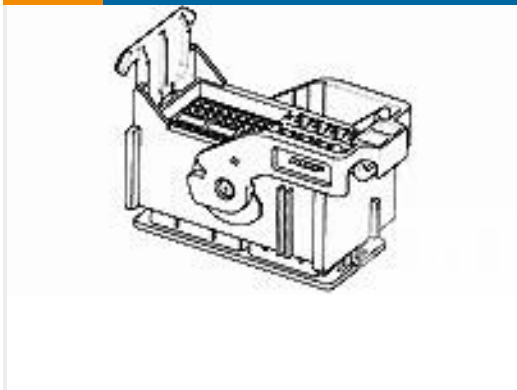




[For compliance documentation, visit the product page on TE.com>](#)

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 2023 (233) 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	Wave solder capable to 240°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

 <p>TE Part # 2005097-1 025 RECEPTACLE CONTACT</p>	 <p>TE Part # 776932-1 52 pos plug assy, 0.64 and 2.8</p>	 <p>TE Part # 776932-3 52 pos plug, 0.64 and 2.80mm</p>	 <p>TE Part # 2203937-1 52 pos plug assy, 0.64 and 2.8</p>
 <p>TE Part # 2203937-5 52 pos plug assy, 0.64 and 2.8</p>	 <p>TE Part # 2-1438864-0 PIN, 0.64MM, WITH RETENTION BAR</p>	 <p>TE Part # 2098979-1 52 POSITION HYBRID VERT HEADER HOUSING</p>	

## Also in the Series | AMP 0.64 Connector System



Automotive Connector Caps & Covers (19)



Automotive Housings(32)



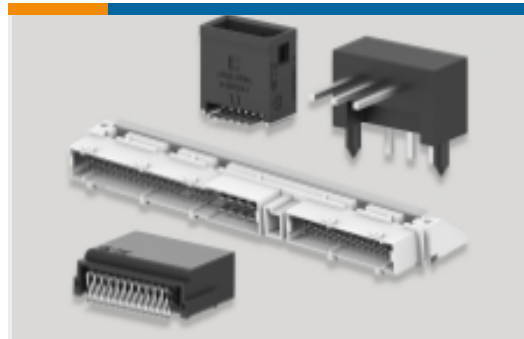
Automotive Terminals(15)



Insertion & Extraction Tools(1)



Other Automotive Connector Accessories(1)



PCB Headers & Receptacles(40)

## Customers Also Bought



TE Part #1717139-1  
025/040 SEALED 132POS CAP ASSY



TE Part #2291392-3  
MALE ASM, 1 POS, R/A, PCB, FAKRA



TE Part #6-2287906-1  
FAKRA, 1 POS, EDGE MOUNT, 12 OCLOCK ASSY



TE Part #2291392-7  
MALE ASM, 1 POS, R/A, PCB, FAKRA



TE Part #5-2287903-5  
FAKRA, 1 POS, EDGE MOUNT, 6 OCLOCK ASSY



TE Part #5-2287906-5  
FAKRA, 1 POS, EDGE MOUNT, 12 OCLOCK ASSY



TE Part #5-2287906-8  
FAKRA, 1 POS, EDGE MOUNT, 12 OCLOCK ASSY



TE Part #6-2287903-1  
FAKRA, 1 POS, EDGE MOUNT, 6 OCLOCK ASSY



TE Part #1326508-6  
PCB JACK, R/A, SNAP LOCK



TE Part #2301381-1  
ANTENNA ASSEMBLY



## Documents

### Product Drawings

#### 52 POSITION HYBRID VERTICAL HE

English

### CAD Files

#### Customer View Model

[ENG\\_CVM\\_CVM\\_2098978-1\\_A.2d\\_dxf.zip](#)

English

#### 3D PDF

3D

#### Customer View Model

[ENG\\_CVM\\_CVM\\_2098978-1\\_A.3d\\_igs.zip](#)

English

#### Customer View Model

[ENG\\_CVM\\_CVM\\_2098978-1\\_A.3d\\_stp.zip](#)

English

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