

2098978-1 ✓ ACTIVE

AMP | AMP 0.64 Connector System

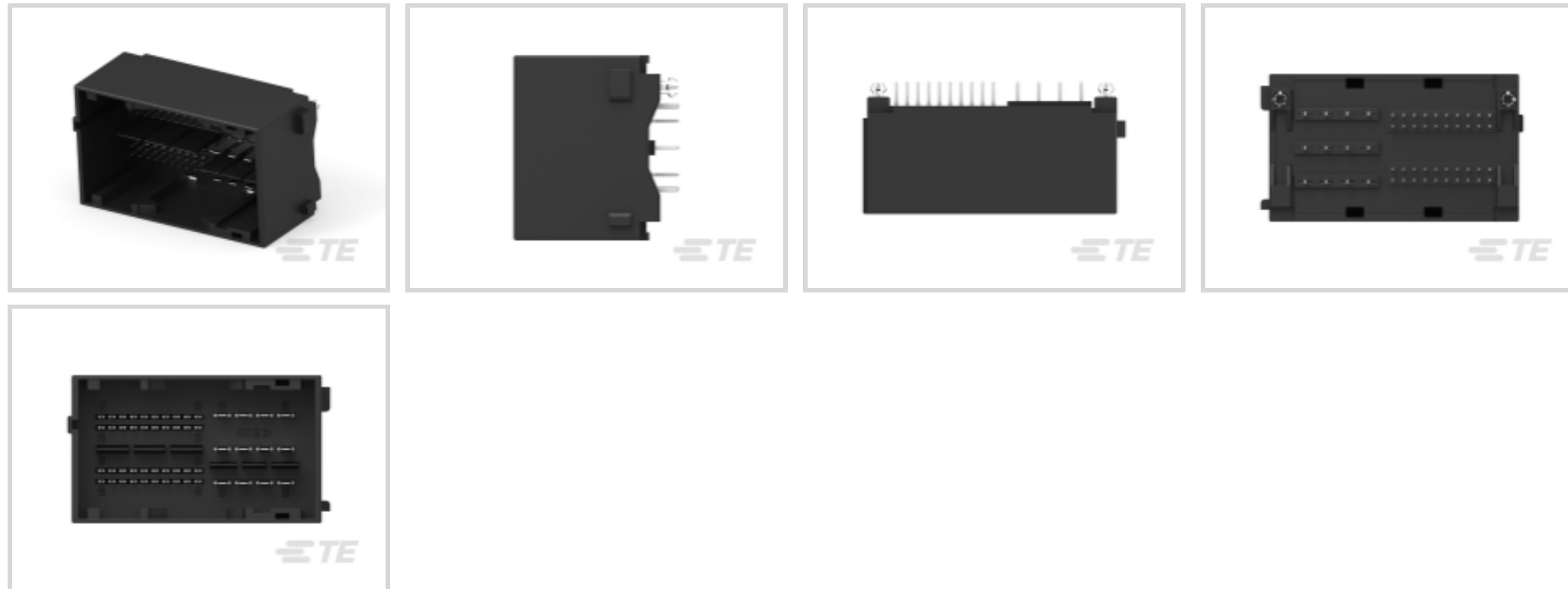
TE Internal #: 2098978-1

Vertical, Wire-to-Board, 52 Position, 5 Row, 2.54mm / 5mm [.1in / .197in] Centerline, Tin (Sn), Printed Circuit Board, AMP 0.64 Connector System

[View on TE.com >](#)



Automotive Parts > Automotive Connectors > Automotive Headers > High Pin Count Header



PCB Mount Orientation: **Vertical**

Termination Method to PCB: **Through Hole - Solder**

Sealable: **No**

Centerline (Pitch): **2.54 mm, 5 mm [.1 in, .197 in]**

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

[All High Pin Count Header \(43\)](#)

## Features

### Product Type Features

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

### Configuration Features

Number of Signal Positions	40
Number of Sections	1
PCB Mount Orientation	Vertical
Number of Positions	52
Number of Rows	5



### Body Features

Primary Product Color	Black
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### Contact Features

Mating Tab Width	.64 mm, 2.8 mm [.025 in][.11 in]
Mating Tab Thickness	.64 mm, .8 mm [.025 in][.031 in]
Contact Type	Tab
Contact Mating Area Plating Material	Tin (Sn)

### Termination Features

Termination Method to PCB	Through Hole - Solder
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### Mechanical Attachment

Panel Mount Feature	Without
Mating Retention Type	Locking Interface
PCB Mount Retention	With
Mounting Holes	Without
Mating Alignment Type	Keyed
PCB Mount Retention Type	Boardlock
Mating Alignment	With
PCB Mount Alignment	With
Connector Mounting Type	Board Mount

### Housing Features

Centerline (Pitch)	2.54 mm, 5 mm [.1 in][.197 in]
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### Dimensions

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

### Operation/Application

Shielded	No
Circuit Application	Power & Signal

### Packaging Features

Packaging Quantity	40
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Packaging Method

Package

Other

Interface Number

2098979

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

有害物质含量符合标准要求 No Restricted Substance(s) Above Threshold

EU REACH Regulation (EC) No. 1907/2006

Current ECHA Candidate List: JUNE 2025 (250)  
Candidate List Declared Against: JUNE 2025 (250)  
Does not contain REACH SVHC

Halogen Content

Low Halogen - Br, Cl, F < 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>

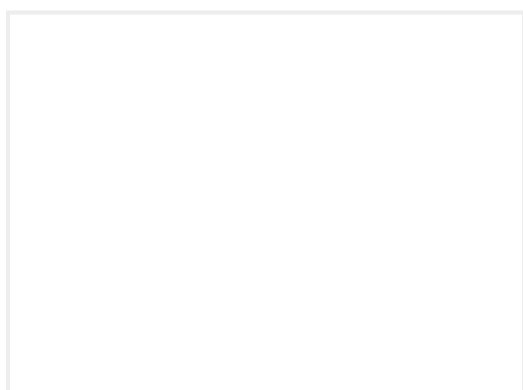
Compatible Parts



TE Part # 2203937-1  
52 pos plug Assy, 0.64 and 2.8



TE Part # 2203937-5  
52 pos plug Assy, 0.64 and 2.8



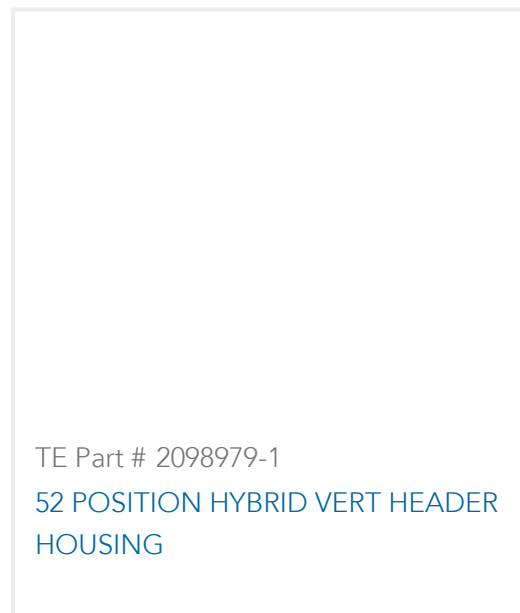
TE Part # 2-1438864-0  
PIN, 0.64MM, WITH RETENTION BAR



TE Part # 2005097-1  
025 RECEPTACLE CONTACT



TE Part # 776932-1  
52 pos plug assy, 0.64 and 2.8

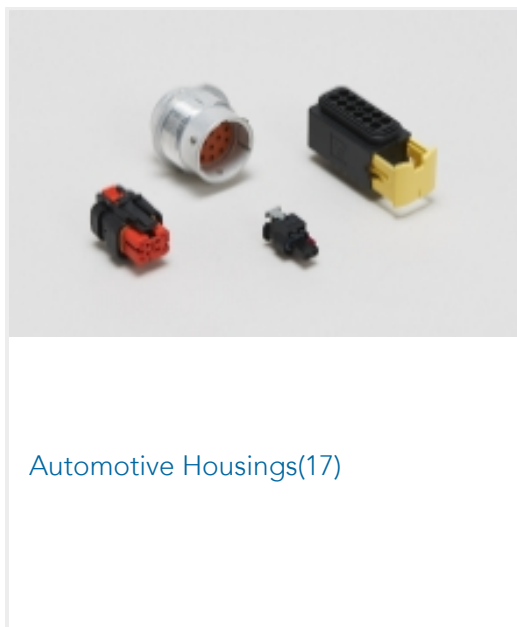


TE Part # 2098979-1  
52 POSITION HYBRID VERT HEADER HOUSING



TE Part # 776932-3  
52 pos plug, 0.64 and 2.80mm

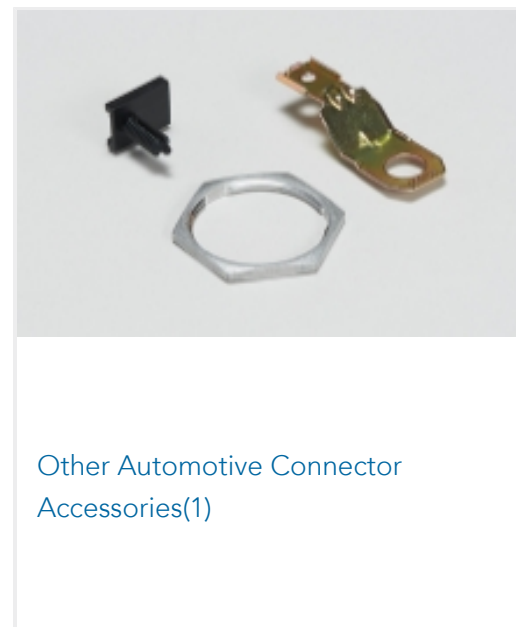
## Also in the Series | AMP 0.64 Connector System



Automotive Housings(17)



Automotive Signal & Power Connector Housings(17)



Other Automotive Connector Accessories(1)

## Customers Also Bought



TE Part #2118016-2  
PCB ANTENNAS, WLAN DUAL BAND T&R PKG



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



TE Part #2304168-9  
4P MATE-AX, HDR ASSY,90 DEG,COD Z



TE Part #2304372-1  
MATENET,1-PORT,90DEG,HDR ASSY, COD A



TE Part #2345180-2  
6POS,HSD DIA 0.6,HDR ASSY,180DEG, COD B



TE Part #6-185454-1  
26W MQS HDR ASSY FOR SMT



TE Part #9-2379263-1  
025 SMD 24P HDR ASSY V-TYPE CODE A TUBE



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



## Documents

### Product Drawings

[52 POSITION HYBRID VERTICAL HE](#)

English

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### 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

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

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### Product Specifications

English