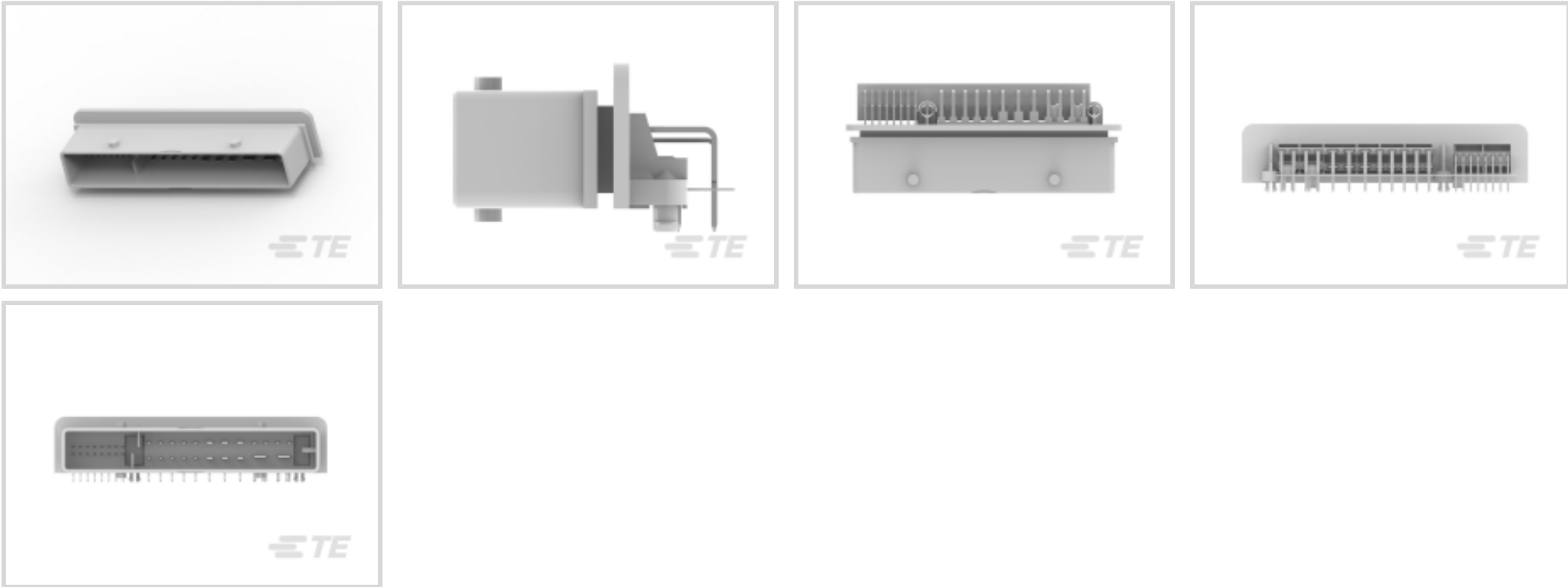




Connectors > PCB Connectors > PCB Headers & Receptacles > Signal Header



PCB Connector Type: **PCB Mount Header**

PCB Mount Orientation: **Horizontal**

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

Number of Positions: **38**

Number of Rows: **4**

[All Signal Header \(245\)](#)

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
Connector Product Type	Connector Assembly

Configuration Features

Number of Sections	2
PCB Mount Orientation	Horizontal
Number of Positions	38
Number of Rows	4



Electrical Characteristics

Operating Voltage	12 VDC
Voltage Rating (Max)	12 VDC
Nominal Voltage Architecture	12 V

Body Features

Connector & Keying Code	B
Primary Product Color	White

Contact Features

Contact Size	.63mm, 1.5mm, 2.8mm, 4.8mm
Contact Mating Area Plating Material	Tin (Sn)
Contact Type	Tab

Termination Features

Termination Method to PCB	Through Hole - Solder
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Mechanical Attachment

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

Housing Features

Centerline (Pitch)	2.54 mm, 4.2 mm, 5.5 mm [.197 in]
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Dimensions

Connector Width	97.8 mm[3.814 in]
PCB Thickness (Recommended)	1.6 mm[.063 in]
Connector Length	32.3 mm[1.26 in]

Usage Conditions

Operating Temperature (Max)	65 °C, 70 °C, 75 °C, 80 °C, 85 °C, 90 °C, 100 °C, 105 °C, 110 °C, 120 °C[212 °F]
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Operating Temperature Range	-40 – 120 °C[-40 – 248 °F]
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Operation/Application

Shielded	No
Circuit Application	Power & Signal

Packaging Features

Packaging Quantity	12
Packaging Method	Tray

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 2025 (247) Candidate List Declared Against: JAN 2025 (247) 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 Regulations, TE’s information on SVHC in articles for this part number is still based on the European Chemical Agency (ECHA) ‘Guidance on requirements for substances in articles’(Version: 2, April 2011), applying the 0.1% weight on weight concentration threshold at the finished product level. TE is aware of the European Court of Justice ruling of September 10th, 2015 also known as O5A (Once An Article Always An Article) stating that, in case of ‘complex object’, the threshold for a SVHC must be applied to both the product as a whole and simultaneously to each of the articles forming part of its composition. TE has evaluated this ruling based on the new ECHA “Guidance on requirements for substances in articles” (June 2017, version 4.0) and will be updating its statements accordingly.

Compatible Parts

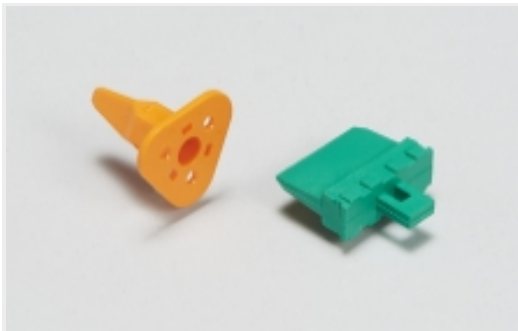


TE Part # 1534180-1
MCP REC HSG ASSY32P

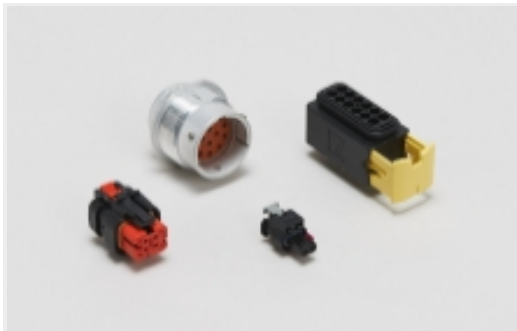
Also in the Series | AMP MCP Connector System



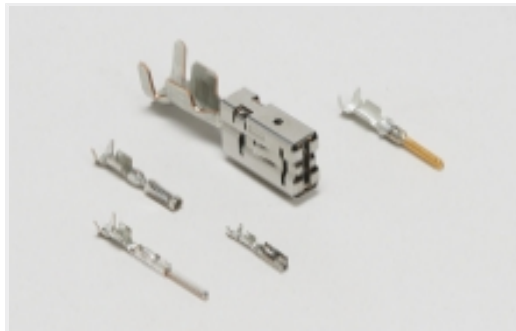
Automotive Connector Caps & Covers
(24)



Automotive Connector Locks & Position Assurance(4)



Automotive Housings(281)



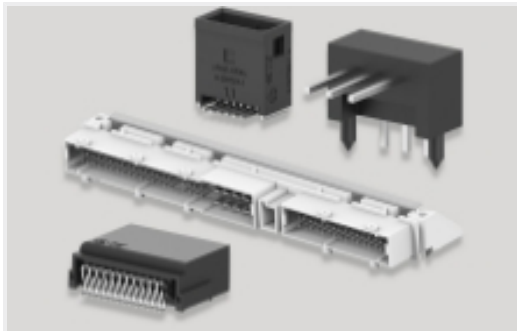
Automotive Terminals(7)



Connector Seals & Cavity Plugs(5)



Other Automotive Connector Accessories(2)

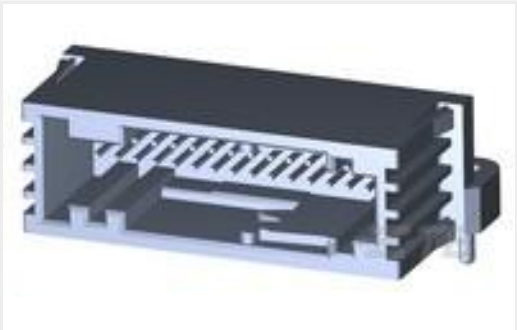


PCB Headers & Receptacles(31)

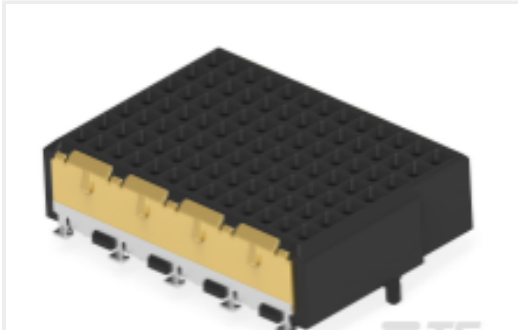


Rectangular Power Connectors(15)

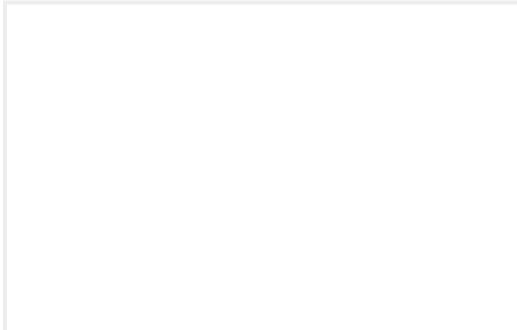
Customers Also Bought



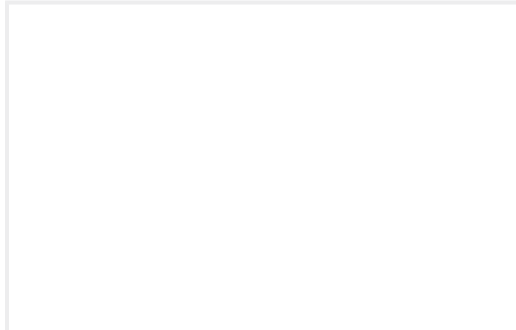
TE Part #1241656-1
32pos MQS .63 header 90deg



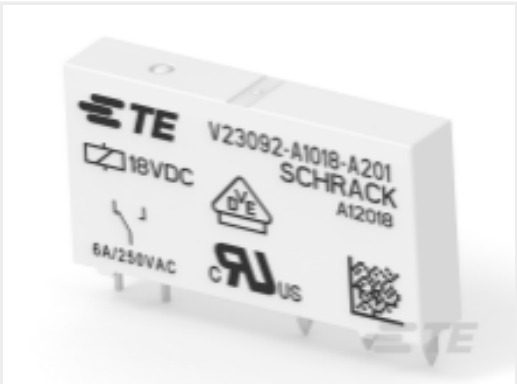
TE Part #364076-E
MSPEED 91 F SMD F4 * A-G VVV 187 094 *



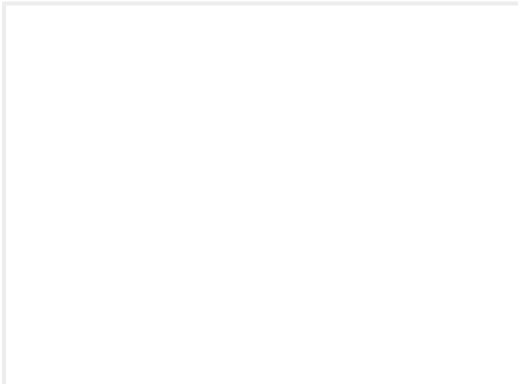
TE Part #ZPF000000000107346
787-0011-00



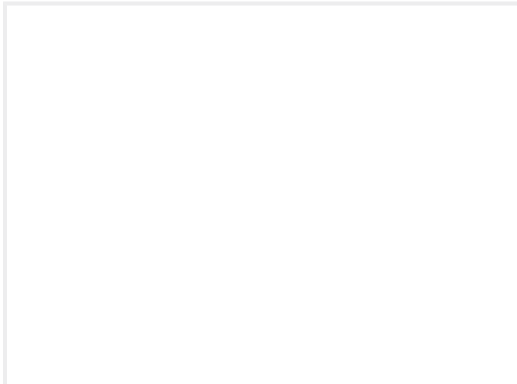
TE Part #5-1372722-7
Cutting Plate



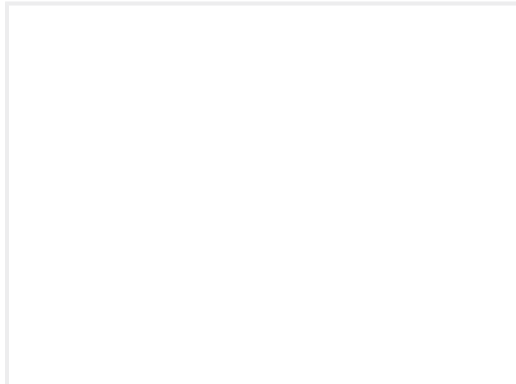
TE Part #1-1393236-8
V23092-A1018-A201



TE Part #ZPF000000000122205
732-0952-22



TE Part #1-1372469-0
LOCKING BOLT



TE Part #9-1372362-5
INDEX PIN COMPLETE



Documents

Product Drawings

TAB HEADER ASSY 38P

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_1534531-2_A.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_1534531-2_A.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_1534531-2_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

Application Specification

English