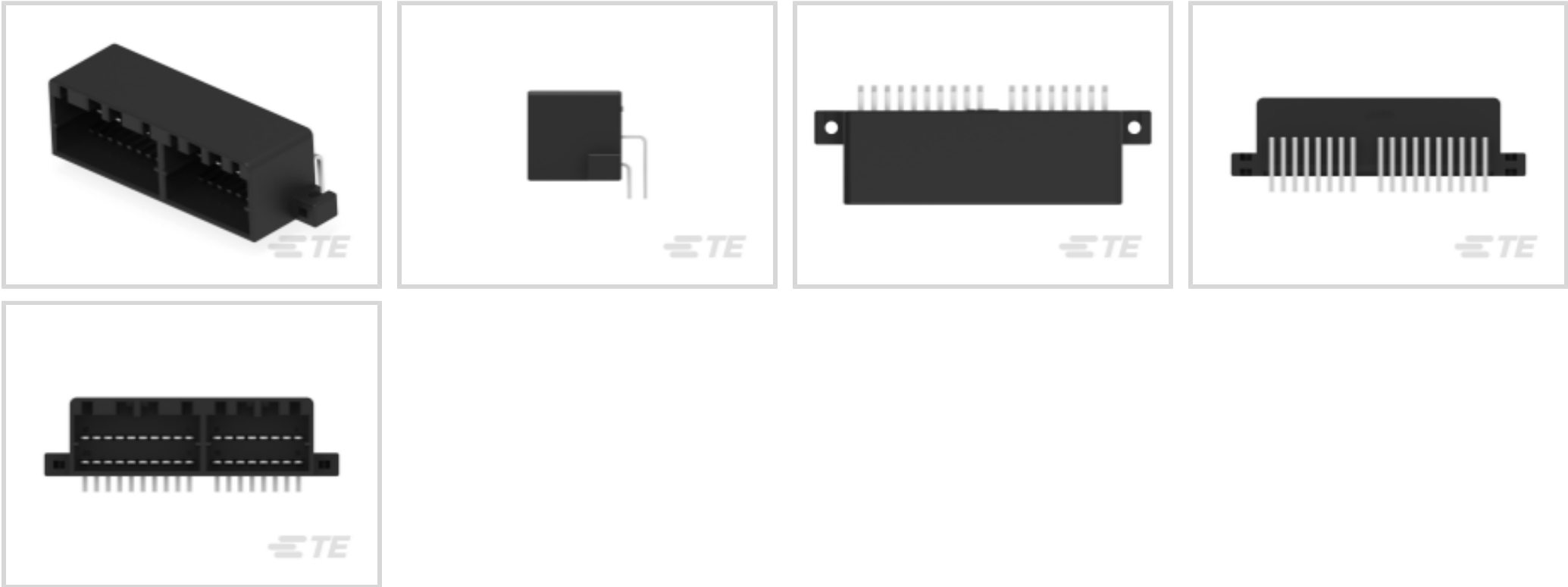




Connectors > PCB Connectors > PCB Headers & Receptacles > Signal Header



PCB Connector Type: **PCB Mount Header**

PCB Mount Orientation: **Horizontal**

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

Number of Positions: **36**

Number of Rows: **2**

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

Features

Product Type Features

Mixed & Hybrid Header	No
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

PCB Mount Orientation	Horizontal
Number of Positions	36
Number of Rows	2

Body Features

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Primary Product Color	Black
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Contact Features

Contact Size	.64mm
Contact Mating Area Plating Material	Tin (Sn)
Contact Type	Tab

Termination Features

Termination Method to PCB	Through Hole - Screw
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Mechanical Attachment

PCB Mount Retention	Without
PCB Mount Alignment	With
Connector Mounting Type	Board Mount
Mating Alignment	With

Housing Features

Centerline (Pitch)	2.5 mm[.098 in]
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Usage Conditions

Operating Temperature (Max)	105 °C[221 °F]
Operating Temperature Range	-30 – 105 °C[-22 – 221 °F]

Packaging Features

Packaging Method	Tube
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Product Compliance

For compliance documentation, visit the product page on TE.com>

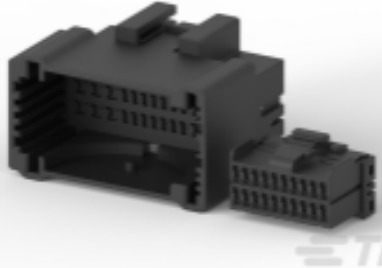
EU RoHS Directive 2011/65/EU	Compliant
EU ELV Directive 2000/53/EC	Compliant
China RoHS 2 Directive MIIT Order No 32, 2016	No Restricted Materials Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JAN 2025 (247) Candidate List Declared Against: JAN 2025 (247) Does not 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 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-CH8172
MULTILOCK, CONNECTOR HOUSING

Also in the Series | Multilock Connector System



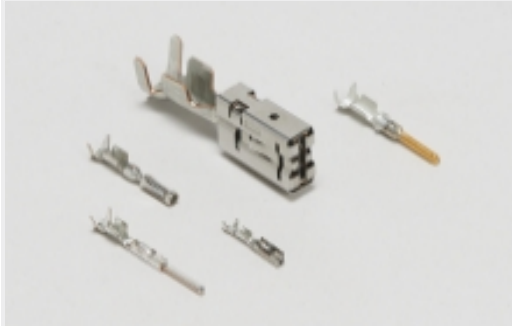
Automotive Connector Caps & Covers
(6)



Automotive Headers(77)



Automotive Housings(166)



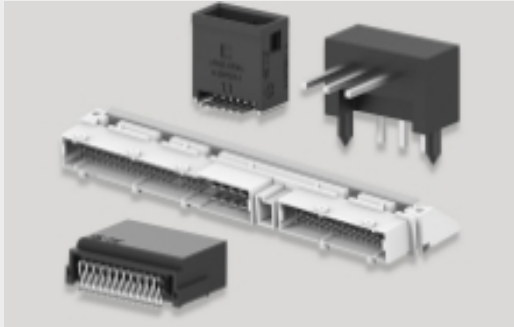
Automotive Terminals(84)



Insertion & Extraction Tools(6)



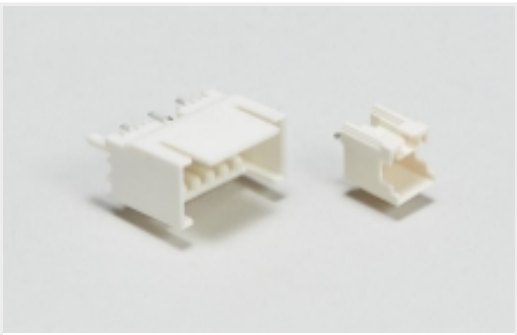
Other Automotive Connector
Accessories(6)



PCB Headers & Receptacles(77)

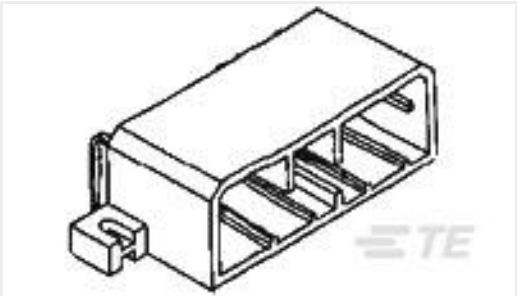


Rectangular Power Connectors(6)

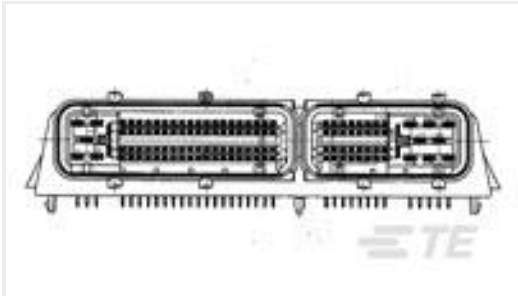


Wire-to-Board Headers & Receptacles
(75)

Customers Also Bought



TE Part #173860-1
070 MULTILOCK CAP ASSY 14P



TE Part #1746979-1
ECU 121P HDR ASSY-PBT



TE Part #CAT-AC853-T273
PRESS FIT PIN TERMINALS



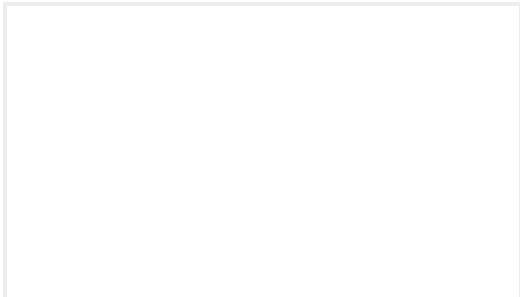
TE Part #2-928776-7
MOD2 STIFT M.A-PIN



TE Part #DT13-6P
HDR, 6P, GRY, RA, NI/CU



TE Part #CAT-SIGH262
Signal Header



TE Part #8-1372520-8
SHAFT ABOVE



TE Part #171882-1
MIC 13P CAP ASSY

Documents

CAD Files

3D PDF

English

Customer View Model

ENG_CVM_174912-2_D2.2d_dxf.zip

English

Customer View Model

ENG_CVM_174912-2_D2.3d_igs.zip

English

Customer View Model

ENG_CVM_174912-2_D2.3d_stp.zip

English

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

Product Specifications

Product Specification

English



[.040 SERIES MULTI LOCK I/O CONNECTOR \(NON INERTIA TYPE\)](#)

English

[.040 SERIES MULTI LOCK I/O CONNECTOR \(NON INERTIA TYPE\)](#)

Japanese

[Product Specification](#)

Japanese

[Product Specification](#)

Japanese

[Instruction Sheets](#)

[Customer Manual \(non U.S.\)](#)

Japanese

[.040 Series Multilock I/O Connector Mark II](#)

Japanese

[Customer Manual \(non U.S.\)](#)

Japanese

[.040 Series, Multilock I/O Connector, Mark II](#)

Japanese