



Connectors > Automotive Connectors > Automotive Housings > 0.50 CONNECTOR SYSTEM, CONNECTOR HOUSING



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

Number of Positions: **6**

Connector & Housing Type: **Housing for Female Terminals**

Sealable: **No**

Mating Tab Width: **1.5 mm [.059 in]**

[All 0.50 CONNECTOR SYSTEM, CONNECTOR HOUSING \(26\)](#)

Features

Product Type Features

Mixed & Hybrid Connector	No
Connector Shape	Rectangular
Connector System	Wire-to-Board
Connector & Housing Type	Housing for Female Terminals
Sealable	No
Primary Locking Feature	Integrated in Housing

Configuration Features

Number of Positions	6
Number of Rows	1

Body Features

Cable Exit Angle	180°
Primary Product Color	Natural

Contact Features



Contact Size	1.5mm
Contact Type	Receptacle
Mating Tab Width	1.5 mm[.059 in]

Mechanical Attachment

Mating Alignment Type	Polarized
Mating Alignment	With
Connector Mounting Type	Cable Mount (Free-Hanging)

Housing Features

Housing Material	PBT
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Usage Conditions

Operating Temperature (Max)	85 °C[185 °F]
Operating Temperature Range	-30 - 85 °C[-22 - 185 °F]

Operation/Application

Circuit Application	Signal
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Other

Connector Position Assurance Capable	No
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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 2024 (240) Candidate List Declared Against: JUNE 2023 (235) 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	Not applicable 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

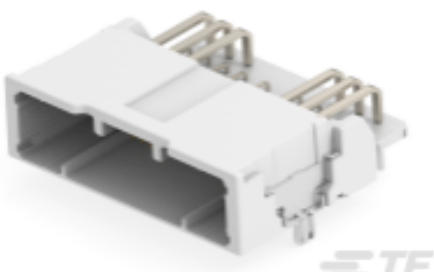


chromium, mercury, PBB, PBDE, DBP, BBP, DEHP, DIBP, and 0.01% for cadmium, or qualify for an exemption to these limits as defined in the Annexes of Directive 2011/65/EU (RoHS2). Finished electrical and electronic equipment products will be CE marked as required by Directive 2011/65/EU. Components may 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>

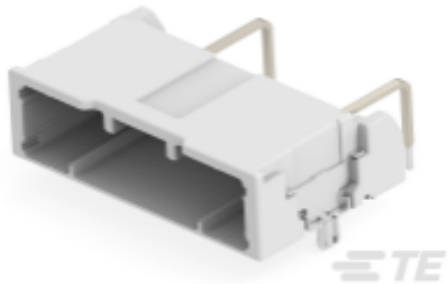
Compatible Parts



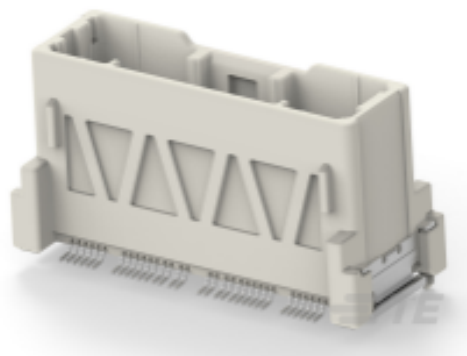
TE Part # CAT-LMPH9507
Low & Medium Power Header



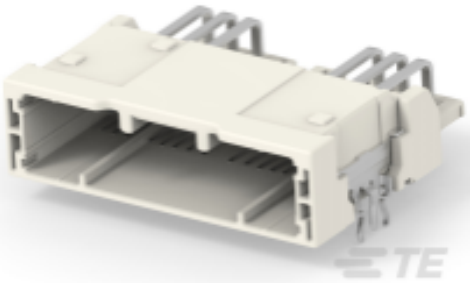
TE Part # 1903876-5
0.5/1.5 38POS CAP ASSY DIP BOARD LOCK



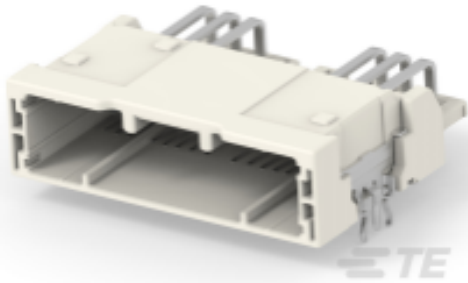
TE Part # 1903876-7
0.5/1.5 38POS CAP ASSY DIP BOARD LOCK



TE Part # 2295435-9
36POS, HYBRID, HDR ASSY, 180DEG, SMD




TE Part # 2822546-1
0.5/1.5 38P CAP ASSY THR TYPE




TE Part # 2822546-2
0.5/1.5 38P CAP ASSY THR TYPE

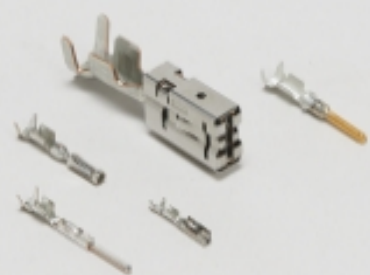
Also in the Series | 0.50 Connector System




Automotive Connector Caps & Covers (20)




Automotive Housings(55)



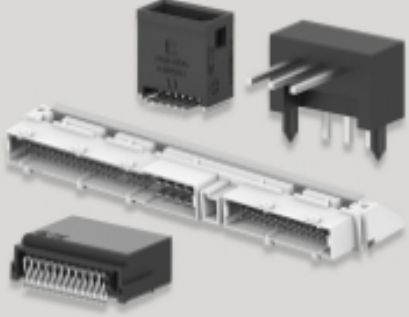
Automotive Terminals(14)



Connector Seals & Cavity Plugs(2)



Insertion & Extraction Tools(1)



PCB Headers & Receptacles(41)



Customers Also Bought



TE Part # 1674312-1
TH/.025 CONNECTOR SYSTEM,
HOUSING



TE Part # 172863-2
POSITIVE LOCK (PL) .250 (6.3 MM)



TE Part # 1903607-1
0.50 CONNECTOR SYSTEM,
CONNECTOR HOUSING



TE Part # 1565963-2
040III TAB NON SEALED AU



TE Part # 178448-2
EJ-2 DBL LOCK PLUG 2P ASSY B



TE Part # 2013031-2
0.50 SERIES 24POS PLUG ASSY

Documents

Product Drawings
1.5 6POS LOCK HOUSING
Japanese

CAD Files
3D PDF
3D
Customer View Model
ENG_CVM_CVM_1903882-1_E.2d_dxf.zip
English
Customer View Model
ENG_CVM_CVM_1903882-1_E.3d_igs.zip
English
Customer View Model
ENG_CVM_CVM_1903882-1_E.3d_stp.zip
English

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

Datasheets & Catalog Pages
0.50 Series Connectors
English

Product Specifications
Product Specification
English
Product Specification



Japanese

Instruction Sheets

Instruction Sheet (non U.S.)

English

Instruction Sheet (non U.S.)

Japanese