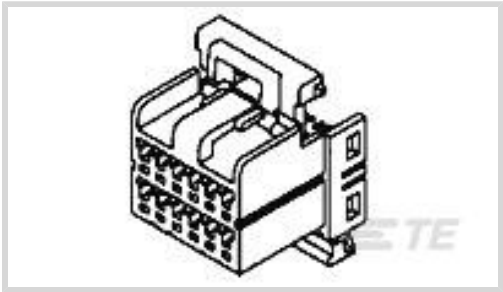




Connectors > Automotive Connectors > Automotive Housings > MULTILOCK, CONNECTOR HOUSING



Number of Positions: 8

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

Mating Tab Width: 1 mm [.039 in]

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

Centerline (Pitch): 2.5 mm [.098 in]

[All MULTILOCK, CONNECTOR HOUSING \(145\)](#)

Features

Product Type Features

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

Configuration Features

Number of Positions	8
Number of Rows	2

Electrical Characteristics

Operating Voltage	12 VDC
Nominal Voltage Architecture	12 V

Body Features

Primary Product Color	Natural
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Contact Features

Contact Size	1mm
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Contact Type	Receptacle
Mating Tab Width	1 mm[.039 in]

Mechanical Attachment

Strain Relief	Without
Terminal Position Assurance	Yes
Mating Alignment Type	Polarized
Mating Alignment	With
Connector Mounting Type	Cable Mount (Free-Hanging)

Housing Features

Housing Material	PBT
Centerline (Pitch)	2.5 mm[.098 in]

Dimensions

Row-to-Row Spacing	3 mm, 5 mm, 7.5 mm, 8 mm[.118 in][.197 in][.295 in][.315 in]
Product Width	14 mm[.551 in]
Product Length	18.5 mm[.728 in]
Connector Height	18.9 mm[.744 in]

Usage Conditions

Operating Temperature (Max)	70 °C, 75 °C, 80 °C, 85 °C, 90 °C, 100 °C, 105 °C[158 °F][167 °F][176 °F][185 °F][194 °F][212 °F][221 °F]
Operating Temperature Range	-30 – 105 °C[-22 – 221 °F]

Operation/Application

Circuit Application	Signal
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Industry Standards

UL Flammability Rating	UL 94HB
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Packaging Features

Packaging Quantity	100
Packaging Method	Bag

Other

Serviceable	Yes
Connector Position Assurance Capable	No



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	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 # 175062-2
040 MULTILOCK REC CONT. L/P

TE Part # 173681-6
040 RCPT NON SEALED TIN

TE Part # CAT-M9194-T273
MULTILOCK, RECEPTACLE AND TAB

TE Part # CAT-M9194-CH8172
MULTILOCK, CONNECTOR HOUSING



TE Part # CAT-SIGH262
Signal Header

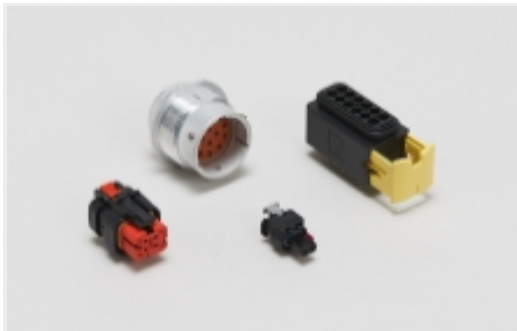
Also in the Series | Multilock Connector System



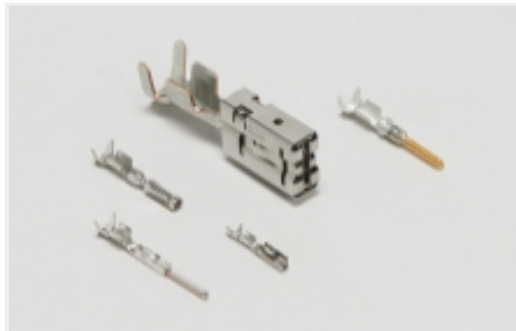
Automotive Connector Caps & Covers
(6)



Automotive Headers(77)



Automotive Housings(166)



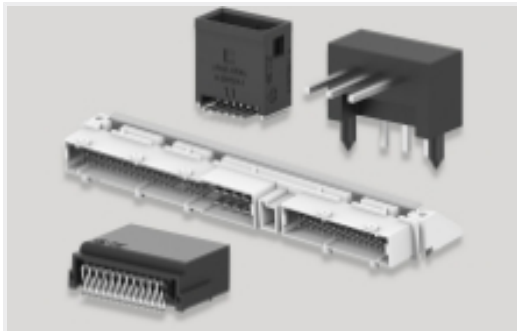
Automotive Terminals(84)



Insertion & Extraction Tools(6)



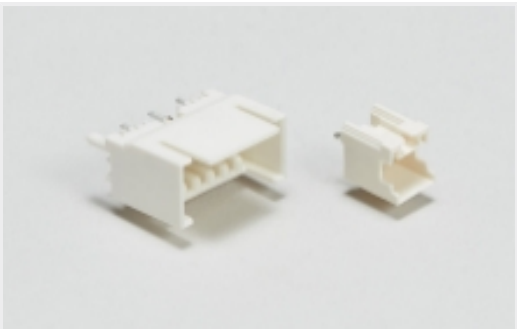
Other Automotive Connector
Accessories(6)



PCB Headers & Receptacles(77)



Rectangular Power Connectors(6)



Wire-to-Board Headers & Receptacles
(75)

Customers Also Bought



TE Part #2209954-4
AIRBAG 24P COVER ASSY



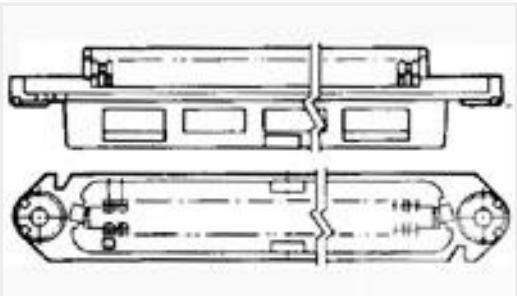
TE Part #2151830-1
OCEAN_2.0_APPLICATOR-S-
062F062O-RSM



TE Part #2301240-1
RETAINER, PLUG HSG., 49POSN.,



TE Part #1-1703963-1
16POS,AMP MCP1.5K,REC HSG,ASSY,
SEALED



TE Part #552391-1
ASSY, RCPT, 50 POS, E SLOT



TE Part #2366066-2
48POS,MCON 1.2,TAB HSG ASSY, UNSLD,COD B



TE Part #A88297-000
ES-CAP-HW-NO.1-X-35MM



TE Part #2298159-1
4POS,MQS,REC HSG ASSY,SLD



TE Part #2109102-2
MQS SLD 4P CAP HSG



TE Part #368482-2
ABS CONN PLUG 25P ASSY

Documents

Product Drawings

040 MLC I/O 8P PLUG HSG NAT

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_174044-1_L_c-174044-1-l.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_174044-1_L_c-174044-1-l.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_174044-1_L_c-174044-1-l.3d_stp.zip

English

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

Datasheets & Catalog Pages

MULTILOCK Connector System

English

Product Specifications

DESIGN OBJECTIVES OF 040MLC CONNECTOR(2PIECES-TYPE)

English

DESIGN OBJECTIVES OF 040MLC CONNECTOR(2PIECES-TYPE)

English



INSTRUCTION SHEET OF 040MLC CONNECTOR(2PIECE-TYPE)

English

INSTRUCTION SHEET OF 040MLC CONNECTOR(2PIECE-TYPE)

English

Product Specification

Japanese

Product Specification

Japanese

Instruction Sheets

Instruction Sheet (non U.S.)

English

040 SERIES MULTI-LOCK CONNECTOR

English