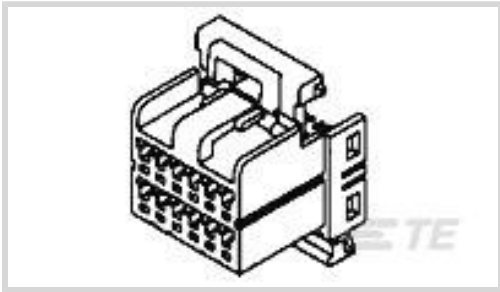




Connectors > Automotive Connectors > Connector Housings > MULTILOCK, CONNECTOR HOUSING



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

Mating Tab Width: **1 mm [ .039 in ]**

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

Number of Positions: **16**

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

[All MULTILOCK, CONNECTOR HOUSING \(576\)](#)

Features

Product Type Features

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

Configuration Features

Number of Positions	16
Number of Rows	2

Electrical Characteristics

Operating Voltage	12 VDC
Nominal Voltage Architecture	12 V

Body Features

Cable Exit Angle	180°
Body Material	PBT
Primary Product Color	Black



Contact Features

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

Mechanical Attachment

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

Housing Features

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

Product Width	23.1 mm[.909 in]
Product Length	18.5 mm[.728 in]
Product Height	18.9 mm[.744 in]
Row-to-Row Spacing	3 mm, 5 mm[.118 in][.197 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
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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 2022 (223) Candidate List Declared Against: JAN 2022 (223) 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-M9194-T273  
MULTILOCK, RECEPTACLE AND TAB



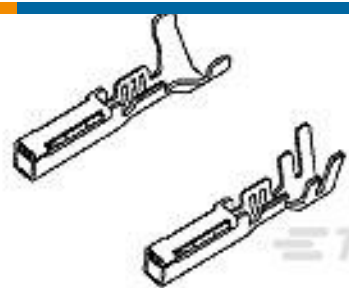
TE Part # CAT-SIGH262  
SIGNAL HEADER



TE Part # CAT-HPCH5372  
HIGH PIN COUNT HEADER



TE Part # 174975-1  
040 MLC 16POS CAP ASSY V TIN



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



TE Part # 8-175448-1  
04/07 HYBRID CAP ASSY 54P NATU



TE Part # 1-174146-2  
040 MULTILOCK I/O CAP ASSY 36P



TE Part # 174146-1  
040 MLC CAP ASSY H 36P




TE Part # 175448-8  
04/07 HYBRID CAP HSG ASSY 54P




TE Part # 3-175448-1  
HYBRID CAP ASSY 54P NATURAL

Also in the Series | Multilock Connector System




Automotive Connector Caps & Covers  
(16)




Automotive Connector EMC Shielding  
(1)




Automotive Connector Locks & Position Assurance(2)




Automotive Housings(575)




Automotive Seals & Cavity Plugs(2)



Automotive Terminals(141)



Insertion & Extraction Tools(6)



Other Automotive Connector Accessories(9)



PCB Headers & Receptacles(129)

Customers Also Bought





TE Part #175967-2  
MULTILOCK, CONNECTOR HOUSING



TE Part #207528-7  
SKT HDR ASSY,12 POSN,METRIMATE



TE Part #2035363-2  
1X6 GENERATION Y ASSY KEYB CPA

TE Part #1-936686-1  
UNDER COVER FOR BLM



TE Part #2324321-1  
025 REC CONTACT

Documents

Product Drawings

040 MULTILOCK PLUG 16P

Japanese

CAD Files

Customer View Model

ENG\_CVM\_CVM\_174046-2\_L.2d\_dxf.zip

English

3D PDF

3D

Customer View Model

ENG\_CVM\_CVM\_174046-2\_L.3d\_igs.zip

English

Customer View Model

ENG\_CVM\_CVM\_174046-2\_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

Product Specification

Japanese

Product Specification

Japanese





Product Specification

Japanese

040 Series Multi-Lock Connector wire to wire type

Japanese

Product Environmental Compliance

Product Compliance

English

Product Compliance

English

Instruction Sheets

Instruction Sheet (non U.S.)

English

040 SERIES MULTI-LOCK CONNECTOR

English