



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



Number of Positions: 16

Connector & Housing Type: Housing for Female Terminals

Mating Tab Width: 1 mm, 1.8 mm [.039 in, .071 in]

Connector System: Wire-to-Board

Centerline (Pitch): 3 mm [.11 in]

[All MULTILOCK, CONNECTOR HOUSING \(125\)](#)

Features

Product Type Features

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

Configuration Features

Number of Positions	16
Number of Rows	2

Body Features

Cable Exit Angle	180°
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Primary Product Color

Natural

Contact Features

Contact Size	1mm
Contact Type	Receptacle
Mating Tab Width	1 mm, 1.8 mm[.039 in][.071 in]

Mechanical Attachment

Strain Relief	Without
Terminal Position Assurance	No
Mating Alignment Type	Polarization
Mating Alignment	With
Connector Mounting Type	Cable Mount (Free-Hanging)

Housing Features

Housing Material	PBT
Centerline (Pitch)	3 mm[.11 in]

Dimensions

Row-to-Row Spacing	5.2 mm[.2 in]
Product Width	21 mm[.82 in]
Product Length	25.6 mm[1 in]
Connector Height	28 mm[1.1 in]

Usage Conditions

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

Operation/Application

Circuit Application	Signal
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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 # 2-5175448-1
HYBRID CAP ASSY 54P NATURAL

TE Part # 8-5177609-1
HYBRID I/O CAP ASSY 64P NATURA

TE Part # 8-5175446-1
HYBRID I/O CAP ASSY 42P

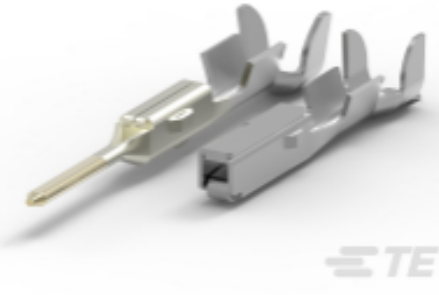
TE Part # 175448-8
04/07 HYBRID CAP HSG ASSY 54P

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

TE Part # 4-177771-6
04/07 HYBRID CAP ASSY 76P

TE Part # 175448-9
040/070 HYBRID 54POS CAP ASSY H RND

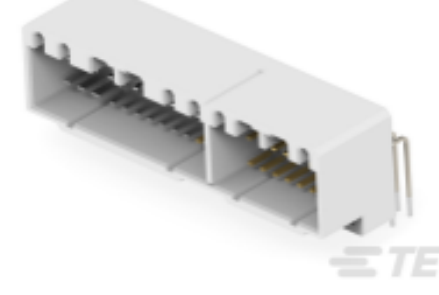
TE Part # 9-5175448-1
04/07 HYBRID CAP ASSY 54P NATU



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



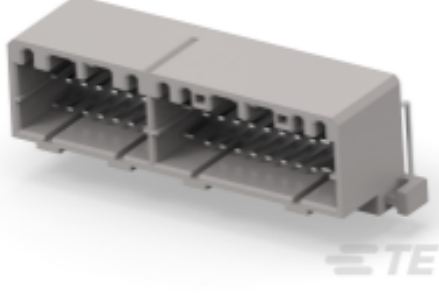
TE Part # CAT-HPCH5372
High Pin Count Header



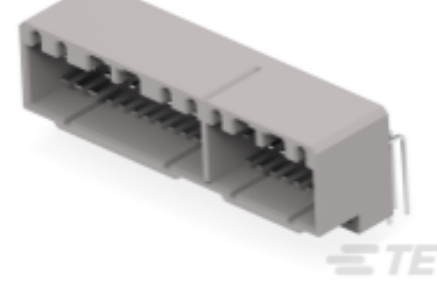
TE Part # 6-175446-1
HYBRID CAP ASSY 42P NATURAL



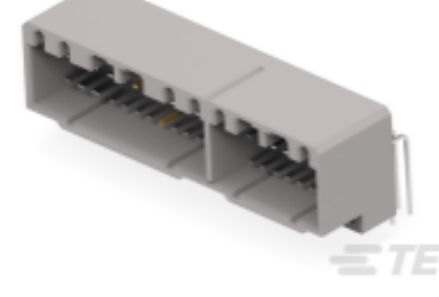
TE Part # 2005197-1
040/070 HYB 64P HDR ASSY



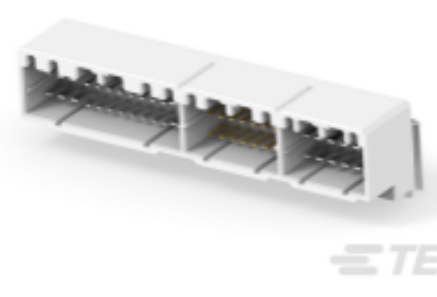
TE Part # 175521-6
HYBRID I/O CAP ASSY 38P GRAY



TE Part # 175446-6
HYBRID I/O CAP ASSY 42P



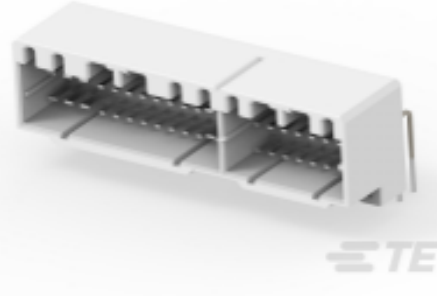
TE Part # 9-175446-6
HYBRID CAP ASSY 42P GRAY



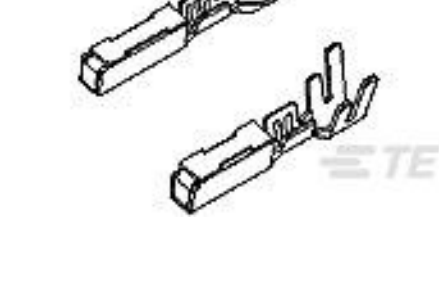
TE Part # 8-175448-1
04/07 HYBRID CAP ASSY 54P NATU



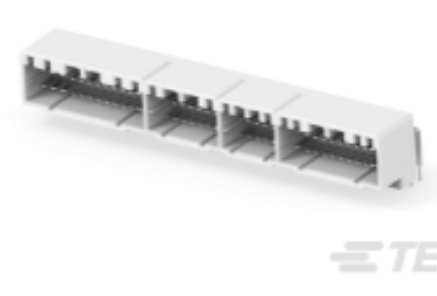
TE Part # CAT-SIGH262
Signal Header



TE Part # 175446-2
040/070 HYBRID 42POS CAP ASSY H
TIN



TE Part # 175061-2
040 HDIO REC CONTACT GOLD L/P



TE Part # 178780-1
040/070 HYBRID CAP ASSY 76P

Also in the Series | **Multilock Connector System**



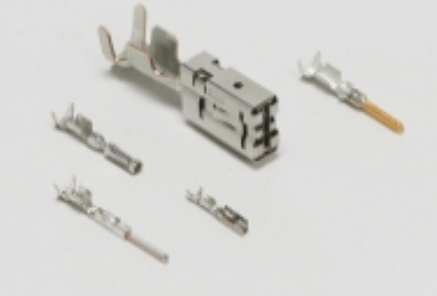
Automotive Connector Caps & Covers
(5)



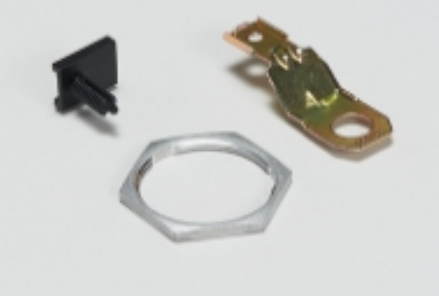
Automotive Headers(75)



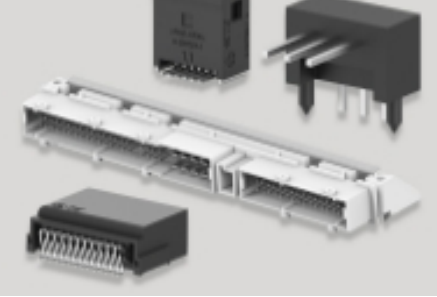
Automotive Housings(138)



Automotive Terminals(76)



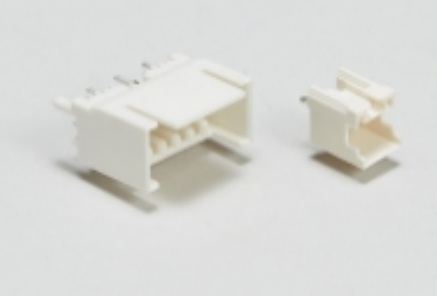
Other Automotive Connector
Accessories(5)



PCB Headers & Receptacles(75)



Rectangular Power Connectors(6)



Wire-to-Board Headers & Receptacles
(73)

Customers Also Bought



TE Part #2363791-2
TAB CONN CVR ASSY,2POS,DT,
180DEG

TE Part #925590-1
JPT REC 2.8 Contact SRC Sn

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

TE Part #2355073-6
6POS, AMP MCP 2.8, REC HSG, UNSLD,
COD F, ORA

TE Part #185879-1
26W MQS COVER ASSY YELLOW

TE Part #2435079-2
TAB 1.6X0.6, TERMINAL, CONTACT CF
SRC SN

TE Part #2439108-2
3POS, MCON 1.2, REC HSG ASSY, SLD,
COD A

TE Part #2435050-1
AMP SUPERSEAL 1.5 SERIES WP PL,
CONN KIT

Documents

Product Drawings

040/070 HYBRID PLUG 16P

English

CAD Files

3D PDF

English

Customer View Model

ENG_CVM_174514-1_C.2d_dxf.zip

English

Customer View Model

ENG_CVM_174514-1_C.3d_igs.zip

English

Customer View Model

ENG_CVM_174514-1_C.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

English

Instruction Sheets

HYBRID I/O CONNECTOR



English

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