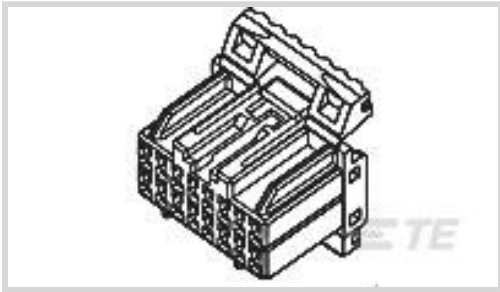




Connectors > Automotive Connectors > Automotive Housings > MULTILOCK, CONNECTOR HOUSING



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

Number of Positions: **16**

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

Centerline (Pitch): **3 mm [.118 in]**

Sealable: **No**

[All MULTILOCK, CONNECTOR HOUSING \(393\)](#)

Features

Product Type Features

Mixed & Hybrid Connector	No
Connector Shape	Rectangular
Connector System	Wire-to-Board, Wire-to-Device
Connector & Housing Type	Housing for Female Terminals
Sealable	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°
Primary Product Color	Natural

Contact Features

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

Mechanical Attachment

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

Housing Features

Housing Material	PBT
Centerline (Pitch)	3 mm[.118 in]

Dimensions

Connector Height	30.4 mm[1.197 in]
Product Width	25.6 mm[1.008 in]
Product Length	21 mm[.827 in]
Row-to-Row Spacing	3 mm, 3.2 mm[.118 in][.126 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: JUNE 2024 (241) Candidate List Declared Against: JUNE 2024 (241) 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

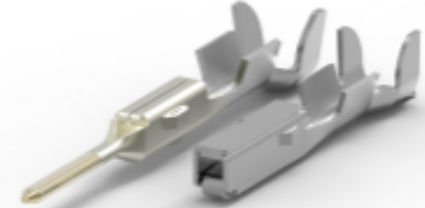
Product Compliance Disclaimer

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>

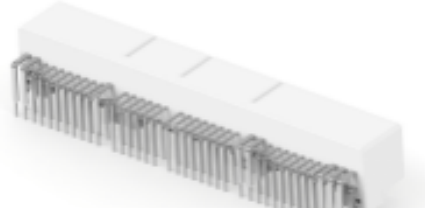
Compatible Parts



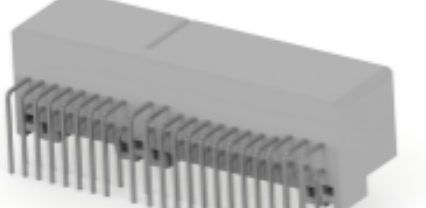
TE Part # CAT-HPCH5372
High Pin Count Header



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



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



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



TE Part # 175521-6 HYBRID I/O CAP ASSY 38P GRAY	TE Part # CAT-SIGH262 Signal Header	TE Part # 8-175448-1 04/07 HYBRID CAP ASSY 54P NATU	TE Part # 175061-2 040 HDIO REC CONTACT GOLD L/P
TE Part # 175446-2 040/070 HYBRID 42POS CAP ASSY H TIN	TE Part # 175448-8 04/07 HYBRID CAP HSG ASSY 54P	TE Part # 175448-9 040/070 HYBRID 54POS CAP ASSY H RND	TE Part # 2-5175448-1 HYBRID CAP ASSY 54P NATURAL
TE Part # 2005197-1 040/070 HYB 64P HDR ASSY	TE Part # 8-5175446-1 HYBRID I/O CAP ASSY 42P	TE Part # 8-5177609-1 HYBRID I/O CAP ASSY 64P NATURA	TE Part # 9-5175448-1 04/07 HYBRID CAP ASSY 54P NATU
TE Part # 175448-1 040/070 I/O 54P CAP HSG ASSY	TE Part # 3-175448-1 HYBRID CAP ASSY 54P NATURAL	TE Part # 4-177771-6 04/07 HYBRID CAP ASSY 76P	TE Part # 6-175446-1 HYBRID CAP ASSY 42P NATURAL

Also in the Series | Multilock Connector System

Automotive Connector Caps & Covers (10)	Automotive Connector Locks & Position Assurance(3)	Automotive Housings(445)	Automotive Terminals(117)



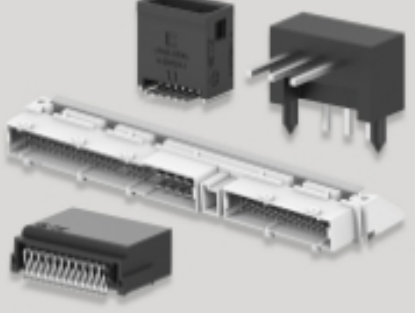
Connector Seals & Cavity Plugs(2)



Insertion & Extraction Tools(6)



Other Automotive Connector Accessories(12)

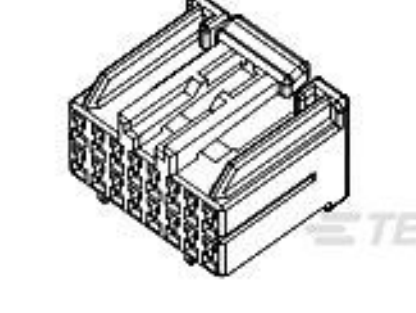


PCB Headers & Receptacles(134)

Customers Also Bought



TE Part #493487-1
Timer Connector Housing



TE Part #917992-1
HYBRID MK-2 PLUG HSG ASSY 26P



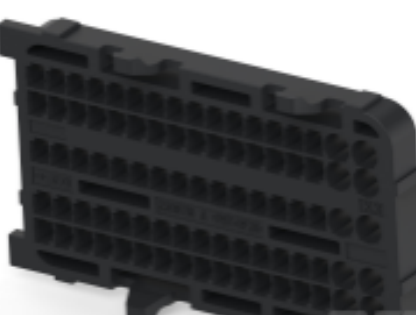
TE Part #284088-2
.070 NEW GEN RCPT CONT 0.75 T



TE Part #1743455-2
CLIP HSG FOR 090 MLC TYPE-3



TE Part #2355073-5
6POS,AMP MCP 2.8,REC HSG,UNSLD, COD E,GRE



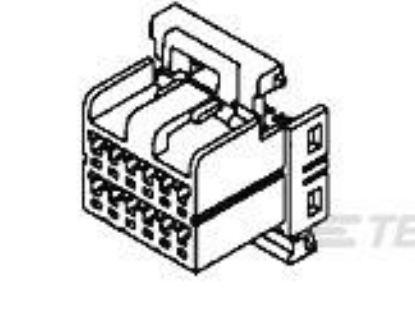
TE Part #9-2208716-9
PLATE,FAMILY SEAL COVER,91POS



TE Part #2311056-2
48POS,MCON 1.2,REC HSG,SLD



TE Part #2438861-1
DIA 2.5MM,TERMINAL



TE Part #174045-4
040 MLC PLUG HSG 12P GREEN

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

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Datasheets & Catalog Pages

[MULTILOCK Connector System](#)

English

Product Specifications

[Product Specification](#)

English

Instruction Sheets

[HYBRID I/O CONNECTOR](#)

English

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

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[HYBRID I/O CONNECTOR](#)

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

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