

174931-2 ✓ ACTIVE

AMP | Multilock Connector System

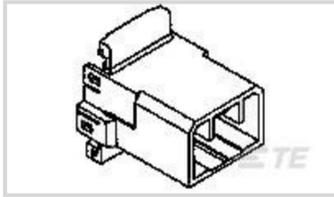
TE Internal #: 174931-2

Housing for Female Terminals, Wire-to-Wire, 8 Position, .138 in [3.51 mm] Centerline, Black, Signal, Multilock Connector System

[View on TE.com >](#)



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



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

Number of Positions: **8**

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

Centerline (Pitch): **3.51 mm [.138 in]**

Sealable: **No**

[All MULTILOCK, CONNECTOR HOUSING \(567\)](#)

Features

Product Type Features

Mixed & Hybrid Connector	No
Connector Shape	Rectangular
Connector System	Wire-to-Wire
Connector & Housing Type	Housing for Female Terminals
Sealable	No

Configuration Features

Number of Positions	8
Number of Rows	2

Body Features

Primary Product Color	Black
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Contact Features

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

Mechanical Attachment

Terminal Position Assurance	No
Strain Relief	Without



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

Housing Features

Housing Material	PBT
Centerline (Pitch)	3.51 mm[.138 in]

Dimensions

Connector Height	31.4 mm[1.24 in]
Product Width	18.2 mm[.717 in]
Product Length	25.7 mm[1.01 in]
Row-to-Row Spacing	3 mm[.118 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	50
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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: JUNE 2023 (235) 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>

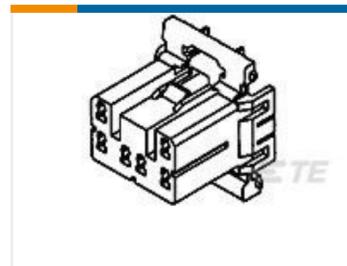
Compatible Parts



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



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



TE Part # 173850-4
070 MLC PLUG HSG 8P GREEN

Also in the Series | Multilock Connector System



Automotive Connector Caps & Covers (17)



Automotive Connector EMC Shielding (1)



Automotive Connector Locks & Position Assurance(2)



Automotive Housings(603)



Automotive Terminals(141)



Connector Seals & Cavity Plugs(2)



Insertion & Extraction Tools(6)

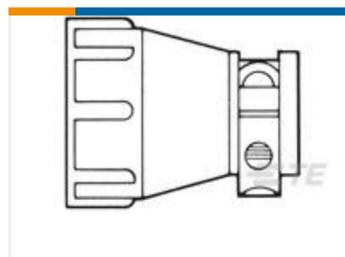
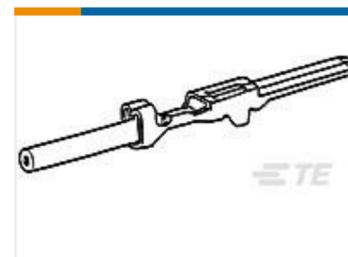
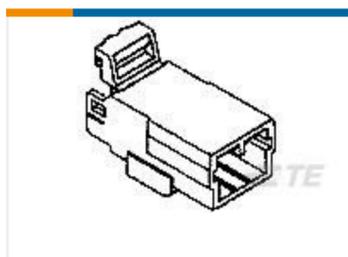
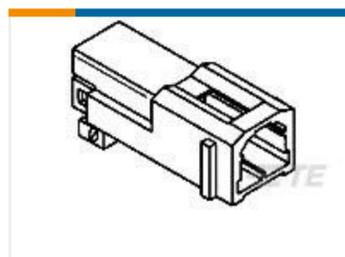
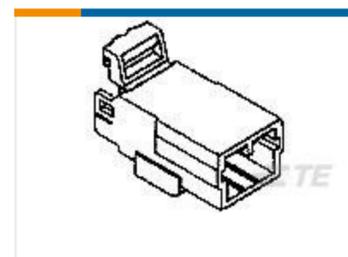


Other Automotive Connector Accessories(14)



PCB Headers & Receptacles(142)

Customers Also Bought

TE Part #174923-2
MULTILOCK, CONNECTOR HOUSINGTE Part #796689-2
TERMI-BLOK PCB MOUNT 2P.TE Part #1-206062-2
CABLE CLAMP KIT #11TE Part #173645-2
070 MLC TAB CON 20-16TE Part #174928-2
070 MLC W-W CAP HSG 3P BLACKTE Part #1-480698-2
02P UMNL PLUG HSG REDTE Part #174460-2
070 MULTILOCK 2P CAP HSGTE Part #174930-2
070 MLC W-W CAP HSG 6P BLACK

Documents

Product Drawings

070 MLC W-W CAP HSG 8P BLACK

Japanese

CAD Files

3D PDF

English

Customer View Model

ENG_CVM_174931-2_E.2d_dxf.zip



English

Customer View Model

[ENG_CVM_174931-2_E.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_174931-2_E.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