174056-2 ✔ ACTIVE

AMP | Multilock Connector System

TE Internal #: 174056-2

Housing for Female Terminals, Wire-to-Wire, 2 Position, .098 in [2.5 mm] Centerline, Black, Signal, Multilock Connector System

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



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

Number of Positions: **2**

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

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

Sealable: **No**

All MULTILOCK, CONNECTOR HOUSING (393)

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
Primary Locking Feature	Integrated in Housing

Configuration Features

Number of Positions	2
Number of Rows	1

Electrical Characteristics

Operating Voltage	12 VDC
Nominal Voltage Architecture	12 V

Body Features

Cable Exit Angle	180°
Primary Product Color	Black

Contact Features

Contact Size	1mm

Contact Type	Receptacle
Mating Tab Width	1 mm[.039 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)	2.5 mm[.098 in]

Dimensions

Connector Height	10.3 mm[.406 in]
Product Width	8.9 mm[.35 in]
Product Length	18.5 mm[.728 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

Industry Standards

UL Flammability Rating	UL 94HB

Packaging Features

Packaging Quantity	100
Packaging Method	Bag

Other

Serviceable	Yes
Connector Position Assurance Capable	No

Product Compliance

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

Compatible Parts



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



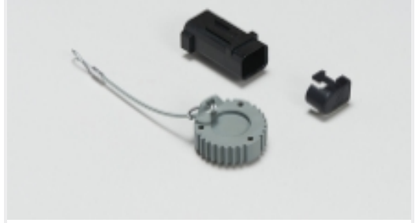
TE Part # CAT-M9194-CH8172
MULTILOCK, CONNECTOR HOUSING



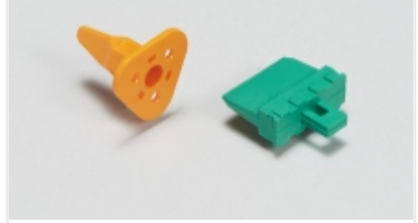
TE Part # 175062-2
040 MULTILOCK REC CONT. L/P

TE Part # 176449-1
040 MLC BOBBIN CONN 2P

Also in the Series | Multilock Connector System



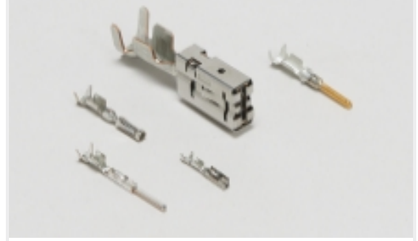
Automotive Connector Caps & Covers (10)



Automotive Connector Locks & Position Assurance(3)



Automotive Housings(445)



Automotive Terminals(118)



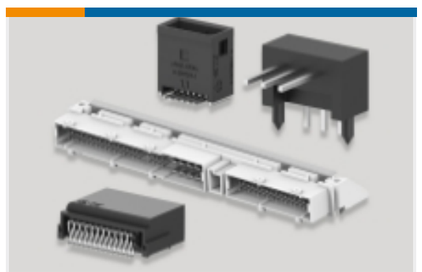
Connector Seals & Cavity Plugs(2)



Insertion & Extraction Tools(6)

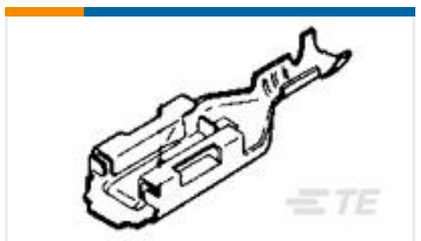


Other Automotive Connector Accessories(12)

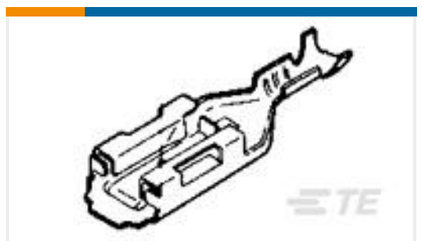


PCB Headers & Receptacles(139)

Customers Also Bought



TE Part #170454-1
PL 250 AUTOMOTIVE REC 18-14 0.40 X 21 BR



TE Part #170452-1
PL 250 AM REC 22-20 AWG 0.406 X 21 BR



TE Part #179631-2
DIAGNOSTIC PLUG HSG 16P BLACK



TE Part #1827120-1
SQUIB LOCKING BUTTON



TE Part #1612121-5
SQUIB 2POS PLUG HSG



TE Part #2367111-2
0.50 SMT TYPE CAP ASSEMBLY 16POS



TE Part #936644-1
CLIP HSG FOR AIR BAG 6P



TE Part #829131P014
ES2000-NO.1-C1-0-65MM



TE Part #2-1376350-0
025 8POS CAP ASSY H RND



TE Part #1746234-3
XENON HEADLAMP HARNESS ASSY

Documents

Product Drawings

040 MULTILOCK PLUG 2P

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_174056-2_G.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_174056-2_G.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_174056-2_G.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

040 Series Multi-Lock Connector wire to wire type

Japanese

Product Specification

Japanese

040 Series Multi-Lock Connector wire to wire type

Japanese

Instruction Sheets

Instruction Sheet (non U.S.)

English

040 SERIES MULTI-LOCK CONNECTOR

English