

174058-2 ✓ ACTIVE

AMP | Multilock Connector System

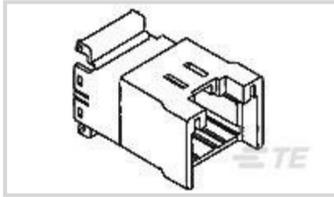
TE Internal #: 174058-2

Housing for Male Terminals, Wire-to-Wire, 12 Position, .098 in [2.5 mm] Centerline, Black, Signal, Multilock Connector System

[View on TE.com >](#)



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



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

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

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

Number of Positions: **12**

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

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

Features

Product Type Features

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

Configuration Features

Number of Positions	12
Number of Rows	2

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	Tab
--------------	-----

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	17.85 mm [.703 in]
------------------	--------------------

Product Width	23.7 mm [.933 in]
---------------	-------------------

Product Length	32.8 mm [1.291 in]
----------------	--------------------

Row-to-Row Spacing	3 mm, 3.5 mm [.118 in] [.138 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

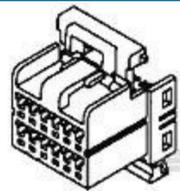
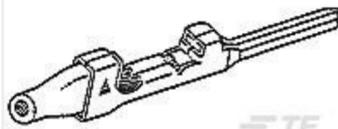
[For compliance documentation, visit the product page on TE.com>](#)

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: JAN 2023 (233) 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

 <p>TE Part # 174045-2 040 MULTILOCK PLUG 12P</p>	 <p>TE Part # CAT-M9194-T273 MULTILOCK, RECEPTACLE AND TAB</p>	 <p>TE Part # 345164-2 040 SERIES TAB, R.R.</p>
--	---	--

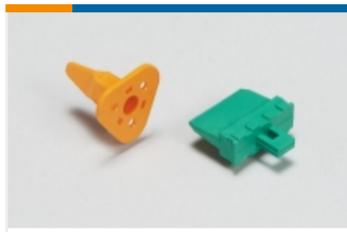
Also in the Series | [Multilock Connector System](#)



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



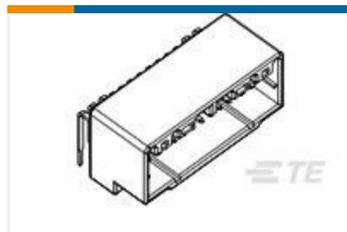
TE Part #1658687-1
HDP-22,OVRMLD,RCPT KIT,SIZE 2,



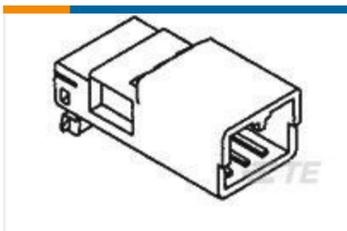
TE Part #66682-2
20 DF PIN PLATED



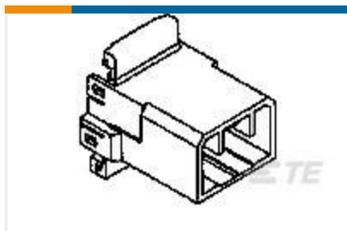
TE Part #1-794229-0
MINI UMNL2 SOK 22-18AWG LP LF



TE Part #175571-6
HYBRID I/O CAP ASSY 26P GRAY



TE Part #345178-2
040 SERIES CAP HSG. 6 POSMULTI



TE Part #174931-1
070 MLC W-W CAP HSG 8P NATURAL



TE Part #1743065-2
MT-II/JPT SLD 36P CAP COVER



TE Part #2050046-1
2POS 2.8MM SENSOR PLUG ASSY.



Documents

Product Drawings

040 MULTILOCK CAP 12P

Japanese

CAD Files

Customer View Model

[ENG_CVM_174058-2_A1.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_174058-2_A1.3d_stp.zip](#)

English

Customer View Model

[ENG_CVM_174058-2_A1.2d_dxf.zip](#)

English

3D PDF

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

174058-2

Housing for Male Terminals, Wire-to-Wire, 12 Position, .098 in [2.5 mm] Centerline,
Black, Signal, Multilock Connector System



English