171581-1 ⊘ DO NOT USE FOR NEW DESIGN

AMP | Multilock Connector System
TE Internal #: 171581-1
PCB Mount Header, Vertical, Wire-to-Board, 4 Position, 3.5 mm [.138 in] Centerline, Fully Shrouded, Tin (Sn), Multilock Connector System

View on TE.com >

Connectors > PCB Connectors > PCB Headers & Receptacles

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

Number of Positions: **4**

Centerline (Pitch): **3.5 mm [.138 in]**

Sealable: **No**

PCB Mount Orientation: **Vertical**

Features

Product Type Features

PCB Connector Assembly Type	PCB Mount Header
Header Type	Fully Shrouded
Connector System	Wire-to-Board
Sealable	No
Connector & Contact Terminates To	Printed Circuit Board

Configuration Features

Number of Positions	4
PCB Mount Orientation	Vertical
Number of Rows	1

Body Features

Primary Product Color	White

Contact Features

Contact Type	Tab
Contact Mating Area Plating Material	Tin (Sn)

Termination Features

Termination Method to PCB	Through Hole - Solder

Mechanical Attachment

Mating Alignment	With

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PCB Mount Alignment	With
PCB Mount Retention	Without
Connector Mounting Type	Board Mount

Housing Features

Centerline (Pitch)	3.5 mm[.138 in]

Usage Conditions

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

Packaging Features

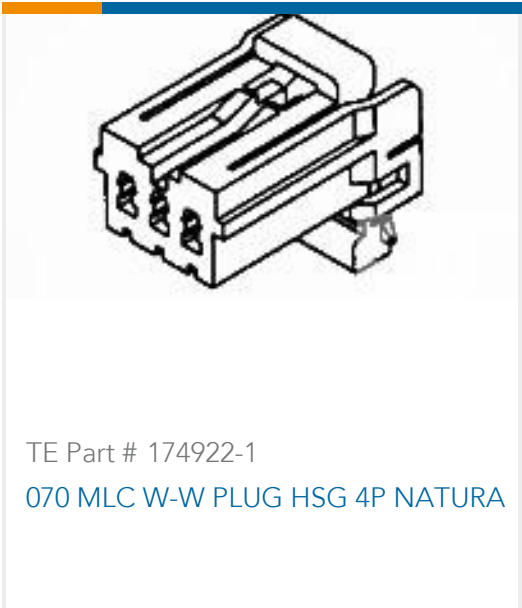|	
Packaging Method	Tray

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	Not Low Halogen - contains Br or Cl > 900 ppm.
Solder Process Capability	Wave solder capable to 240°C

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

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PCB Mount Header, Vertical, Wire-to-Board, 4 Position, 3.5 mm [.138 in] Centerline,
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TE Part # 174922-1
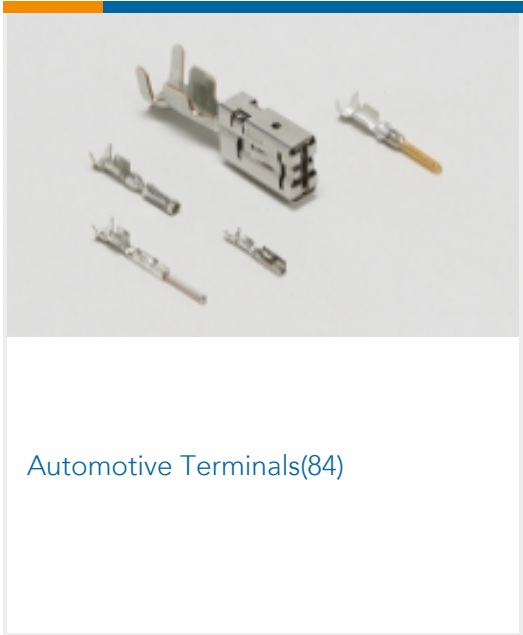070 MLC W-W PLUG HSG 4P NATURA

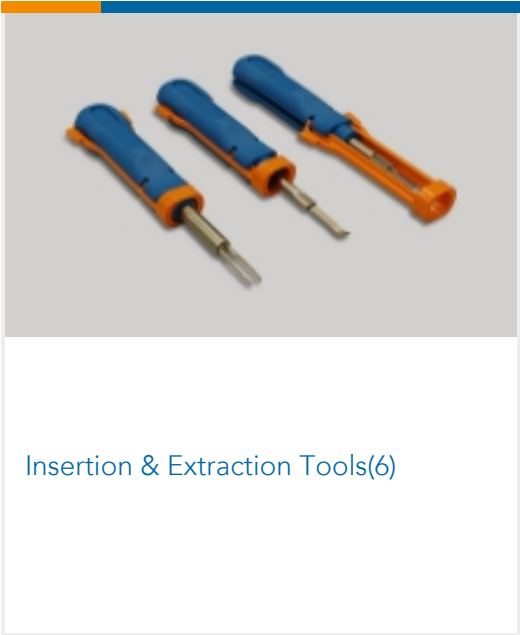## Also in the Series | Multilock Connector System

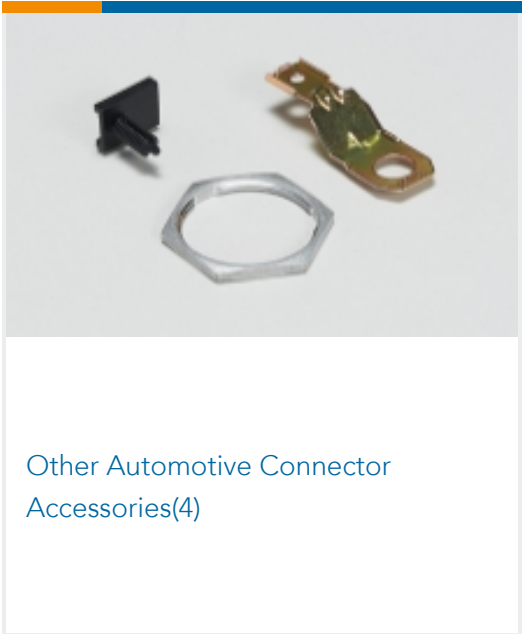Automotive Connector Caps & Covers (6)
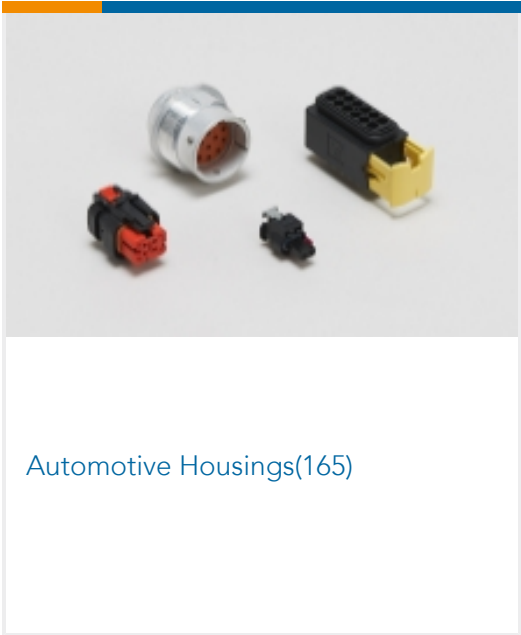
Automotive Housings(165)

Automotive Terminals(84)

Insertion & Extraction Tools(6)

Other Automotive Connector Accessories(4)
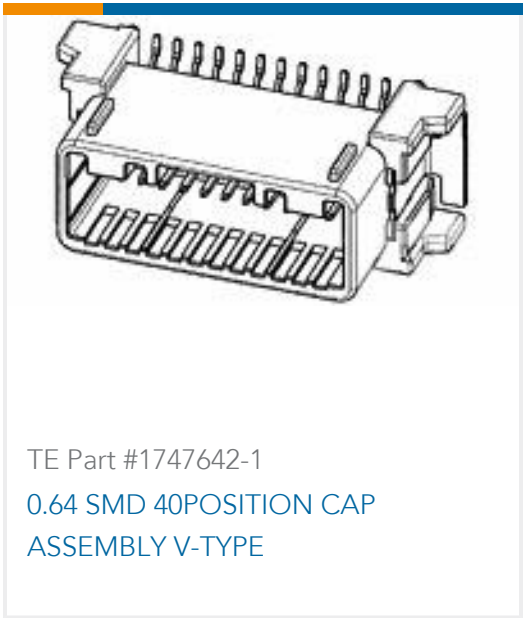
PCB Headers & Receptacles(90)

Customers Also Bought

TE Part #173974-1
187 HSG. PL MKII REC. NAT

TE Part #1376515-1
Signal Header

TE Part #1747642-1
0.64 SMD 40POSITION CAP ASSEMBLY V-TYPE

TE Part #2237067-1
Press-Fit & SMT Header

TE Part #1-2330747-1
4POS,TAB0.63X0.63,HDR ASSY, 90DEG,SMD,S

TE Part #2260813-2
0.5/2.8 SEALED PLUG ASSY 62POS

TE Part #2362662-2
8POS,0.50,HDR ASSY,90DEG,KEY-A, KEY-D

TE Part #2371229-1
1POS,COAX,HDR ASSY,90DEG,COD A

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Documents

Product Drawings

070 MULTI LOCK CAP ASSY 4P V

Japanese

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_171581-1_A.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_171581-1_A.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_171581-1_A.3d_stp.zip

English

By downloading the CAD file I accept and agree to the **Terms and Conditions** of use.