

1745014-1 ✓ ACTIVE

AMP | Multilock Connector System

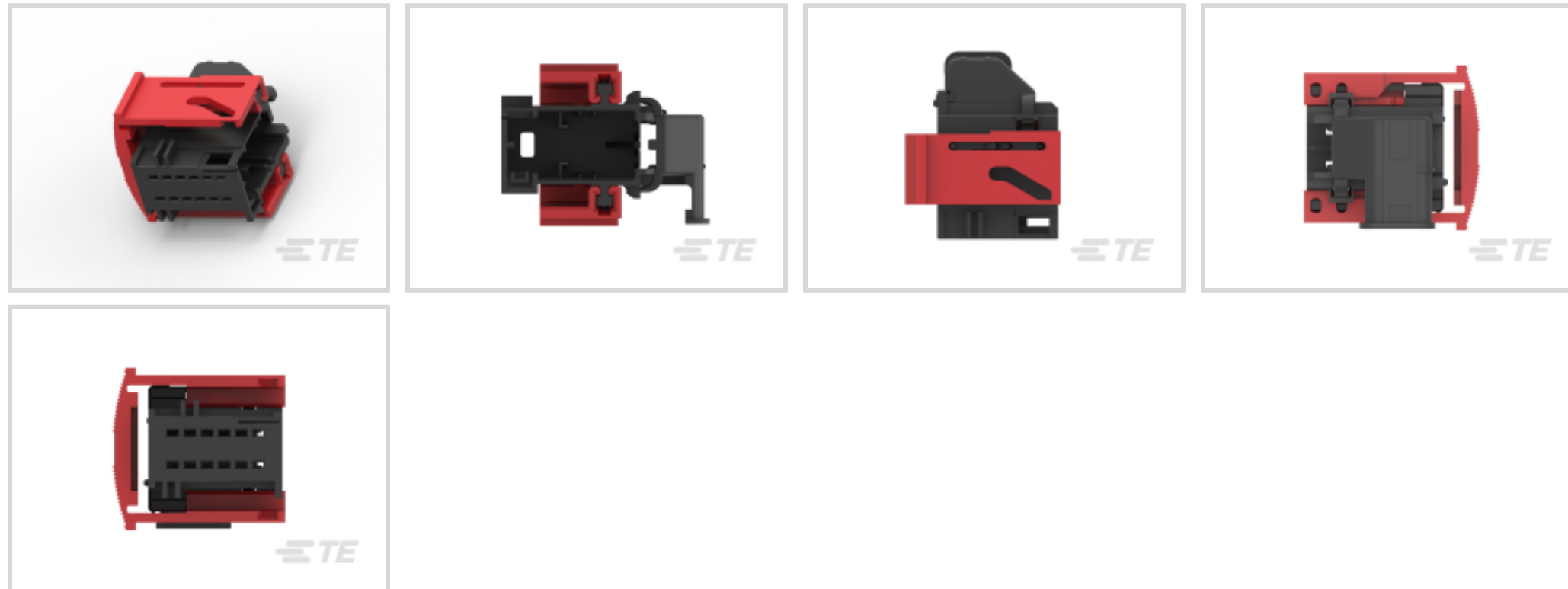
TE Internal #: 1745014-1

Housing for Female Terminals, Wire-to-Device / Wire-to-Board, 12 Position, .138 in [3.5 mm] Centerline, Black, Signal, Multilock Connector System

[View on TE.com >](#)



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



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

Mating Tab Width: **1.8 mm [ .071 in ]**

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

Number of Positions: **12**

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

[All MULTILOCK, CONNECTOR HOUSING \(576\)](#)

### Features

#### Product Type Features

Connector & Housing Type	Housing for Female Terminals
Connector System	Wire-to-Board, Wire-to-Device
Sealable	No
Hybrid Connector	No
Primary Locking Feature	On the Terminal

#### Configuration Features

Number of Positions	12
Number of Rows	2

#### Electrical Characteristics

Operating Voltage	24 VDC
Nominal Voltage Architecture	12 V, 24 V

#### Body Features



Cable Exit Angle	180°
Body Material	PA GF
Primary Product Color	Black

#### Contact Features

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

#### Mechanical Attachment

Mounting Feature	Without
Terminal Position Assurance	No
Strain Relief	Without
Mating Alignment Type	Polarized

#### Housing Features

Centerline (Pitch)	3.5 mm[.138 in]
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#### Dimensions

Product Width	33.8 mm[1.331 in]
Product Length	33 mm[1.299 in]
Product Height	35.3 mm[1.39 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	-25 – 105 °C[-13 – 221 °F]

#### Operation/Application

Circuit Application	Signal
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#### Packaging Features

Packaging Quantity	500
Packaging Method	Box

#### Other

Serviceable	No
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 2022 (224) Candidate List Declared Against: JAN 2022 (223) SVHC > Threshold: Not Yet Reviewed
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



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



Automotive Connector Caps & Covers (16)



Automotive Connector EMC Shielding (1)



Automotive Connector Locks & Position Assurance(2)



Automotive Housings(575)



Automotive Seals & Cavity Plugs(2)



Automotive Terminals(141)



Insertion & Extraction Tools(6)



Other Automotive Connector Accessories(9)



PCB Headers & Receptacles(129)

## Customers Also Bought



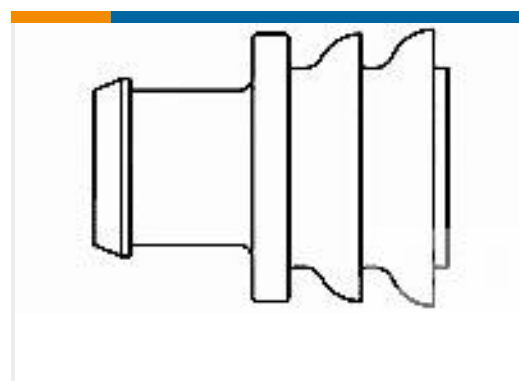
TE Part #DT04-2P  
DEUTSCH DT Series Housings & Connectors



TE Part #W2S  
DEUTSCH DT WEDGELOCKS



TE Part #282104-1  
AMP SUPERSEAL 1.5MM, CONNECTOR HOUSING



TE Part #281934-2  
SINGLE WIRE SEAL



TE Part #0460-202-16141  
DEUTSCH SOLID CONTACTS



TE Part #114017-ZZ  
SEALING PLUG, SIZE 12/16, WHT

## Documents



### Product Drawings

#### 12 POS.RECEPTACLE CONNECTOR FOR 070 MULT

English

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### CAD Files

#### 3D PDF

3D

#### Customer View Model

[ENG\\_CVM\\_CVM\\_1745014-1\\_A.2d\\_dxf.zip](#)

English

#### Customer View Model

[ENG\\_CVM\\_CVM\\_1745014-1\\_A.3d\\_igs.zip](#)

English

#### Customer View Model

[ENG\\_CVM\\_CVM\\_1745014-1\\_A.3d\\_stp.zip](#)

English

By downloading the CAD file I accept and agree to the [Terms and Conditions](#) of use.

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### Datasheets & Catalog Pages

#### MULTILOCK Connector System

English

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### Product Specifications

#### Product Specification

English

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### Instruction Sheets

#### 6+6 POSITION REC. CONNECTOR 070 MULTILOCK CRIMP SYSTEM - 3.5mm PITCH

English

#### Instruction Sheet (non U.S.)

English

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