

282992-3 ✓ ACTIVE

AMP | Multilock Connector System

TE Internal #: 282992-3

Housing for Male Terminals, Wire-to-Wire, 6 Position, .217 in / .138 in [5.5 mm / 3.5 mm] Centerline, Blue, Multilock Connector System

[View on TE.com >](#)



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



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

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

Number of Positions: **6**

Centerline (Pitch): **3.5 mm, 5.5 mm [ .138 in, .217 in ]**

Sealable: **No**

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

## Features

### Product Type Features

Connector & Housing 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	6
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	Blue

### Contact Features



Contact Size	1.8mm
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### Mechanical Attachment

Mounting Feature	Without
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Terminal Position Assurance	Yes
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Strain Relief	Without
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Mating Alignment Type	Keyed
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Mating Alignment	With
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Connector Mounting Type	Cable Mount (Free-Hanging)
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### Housing Features

Centerline (Pitch)	3.5 mm, 5.5 mm [.138 in][.217 in]
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### Dimensions

Product Width	31.4 mm [1.236 in]
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Product Length	25 mm [.984 in]
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Product Height	17.2 mm [.677 in]
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Row-to-Row Spacing	5.5 mm [.217 in]
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### 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]
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Operating Temperature Range	-30 – 105 °C [-22 – 221 °F]
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### Packaging Features

Packaging Quantity	1500
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Packaging Method	Box
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### Other

Serviceable	No
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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
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EU ELV Directive 2000/53/EC	Compliant
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China RoHS 2 Directive MIIT Order No 32, 2016	No Restricted Materials Above Threshold
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EU REACH Regulation (EC) No. 1907/2006	
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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

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

TE Part # 282989-3  
 CONN.NEW GEN.F.TRUCK

### Also in the Series | Multilock Connector System

Automotive Connector Caps & Covers  
 (16)

Automotive Connector EMC Shielding  
 (1)

Automotive Connector Locks & Position Assurance  
 (2)

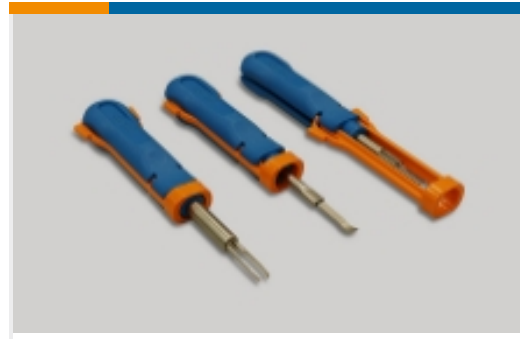
Automotive Housings  
 (575)



Automotive Seals & Cavity Plugs(2)



Automotive Terminals(140)



Insertion & Extraction Tools(6)



Other Automotive Connector Accessories(9)



PCB Headers & Receptacles(129)

## Customers Also Bought



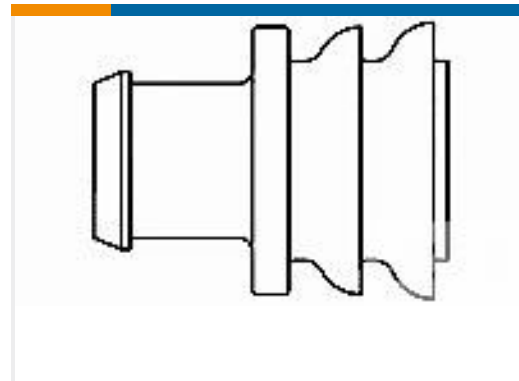
TE Part #DT04-2P  
DEUTSCH DT Series Housings & Connectors



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

[TAB CONN.NEW GEN.F.TRUCK](#)

English

### CAD Files

Customer View Model

[ENG\\_CVM\\_282992-3\\_B.3d\\_igs.zip](#)

English

Customer View Model



[ENG\\_CVM\\_282992-3\\_B.3d\\_stp.zip](#)

English

**Customer View Model**

[ENG\\_CVM\\_282992-3\\_B.2d\\_dxf.zip](#)

English

**3D PDF**

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

**NEW GENERATION 070 MULTILOCK CONNECTORS**

English

**Product Specification**

English

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### Instruction Sheets

**MULTILOCK 070 NEW GENERATION CONNECTORS**

English

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

English