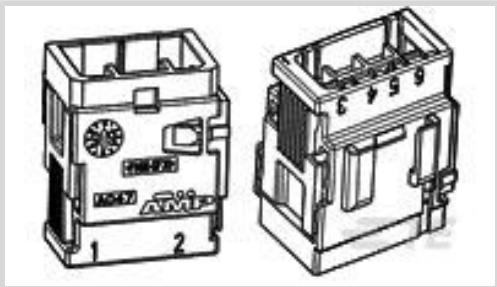




Connectors > Automotive Connectors > Connector Housings > MULTILOCK, CONNECTOR HOUSING



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

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

Number of Positions: **12**

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

Sealable: **No**

[All MULTILOCK, CONNECTOR HOUSING \(577\)](#)

Features

Product Type Features

|                          |                            |
|--------------------------|----------------------------|
| 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            | 24 VDC     |
| Nominal Voltage Architecture | 12 V, 24 V |

Body Features

|                       |       |
|-----------------------|-------|
| Cable Exit Angle      | 180°  |
| Body Material         | PA GF |
| Primary Product Color | Gray  |

Mechanical Attachment

|                  |         |
|------------------|---------|
| Mounting Feature | Without |
|------------------|---------|



|                             |           |
|-----------------------------|-----------|
| Terminal Position Assurance | Yes       |
| Strain Relief               | No        |
| Mating Alignment Type       | Polarized |

Housing Features

|                    |                                   |
|--------------------|-----------------------------------|
| Centerline (Pitch) | 3.5 mm, 5.5 mm [.138 in][.217 in] |
|--------------------|-----------------------------------|

Dimensions

|                    |                   |
|--------------------|-------------------|
| Product Width      | 31.4 mm[1.236 in] |
| Product Length     | 35.5 mm[1.398 in] |
| Product Height     | 17.2 mm[.677 in]  |
| Row-to-Row Spacing | 5.9 mm[.232 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]                                                                                |

Packaging Features

|                    |      |
|--------------------|------|
| Packaging Quantity | 1000 |
| 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: JAN 2021 (211)<br>Candidate List Declared Against: JAN 2021 (211)<br>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

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

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

TE Part # 284080-1  
.070 TAB CONT.NEW.GEN. (0,3 TO

Also in the Series | Multilock Connector System

Automotive Connector Caps & Covers  
(16)

Automotive Connector EMC Shielding  
(1)

Automotive Connector Locks & Position Assurance(2)

Automotive Headers(138)

Automotive Housings(576)

Automotive Seals & Cavity Plugs(2)

Automotive Terminals(142)

Insertion & Extraction Tools(6)



Other Automotive Connector Accessories(9)

Customers Also Bought



TE Part #282993-3  
MULTILOCK, CONNECTOR HOUSING



TE Part #284107-1  
MULTILOCK, RECEPTACLE AND TAB



TE Part #5054014010  
RNF-3000 Single Wall Stick Heat Shrink



TE Part #T4151410004-002  
M12 A-CODE FEMALE R/A SINGLE ENDED CABL



TE Part #2234800-2  
RBK-X1 CE STD



TE Part #2836322-2  
OCEAN-2.0-APPLICATOR-S-042F062F



TE Part #3-1414773-5  
V23145B1101A402-EV-CBOX

Documents

Product Drawings

12 POS. .070 NEW GEN. ASSY - G

English

CAD Files

3D PDF

3D

Customer View Model

ENG\_CVM\_CVM\_282993-4\_B.2d\_dxf.zip

English

Customer View Model

ENG\_CVM\_CVM\_282993-4\_B.3d\_igs.zip

English

Customer View Model

ENG\_CVM\_CVM\_282993-4\_B.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

NEW GENERATION 070 MULTILOCK CONNECTORS

English

Product Specification

English

Instruction Sheets

MULTILOCK 070 NEW GENERATION CONNECTORS

English

Instruction Sheet (non U.S.)

English