

1-2293551-1 ✓ ACTIVE

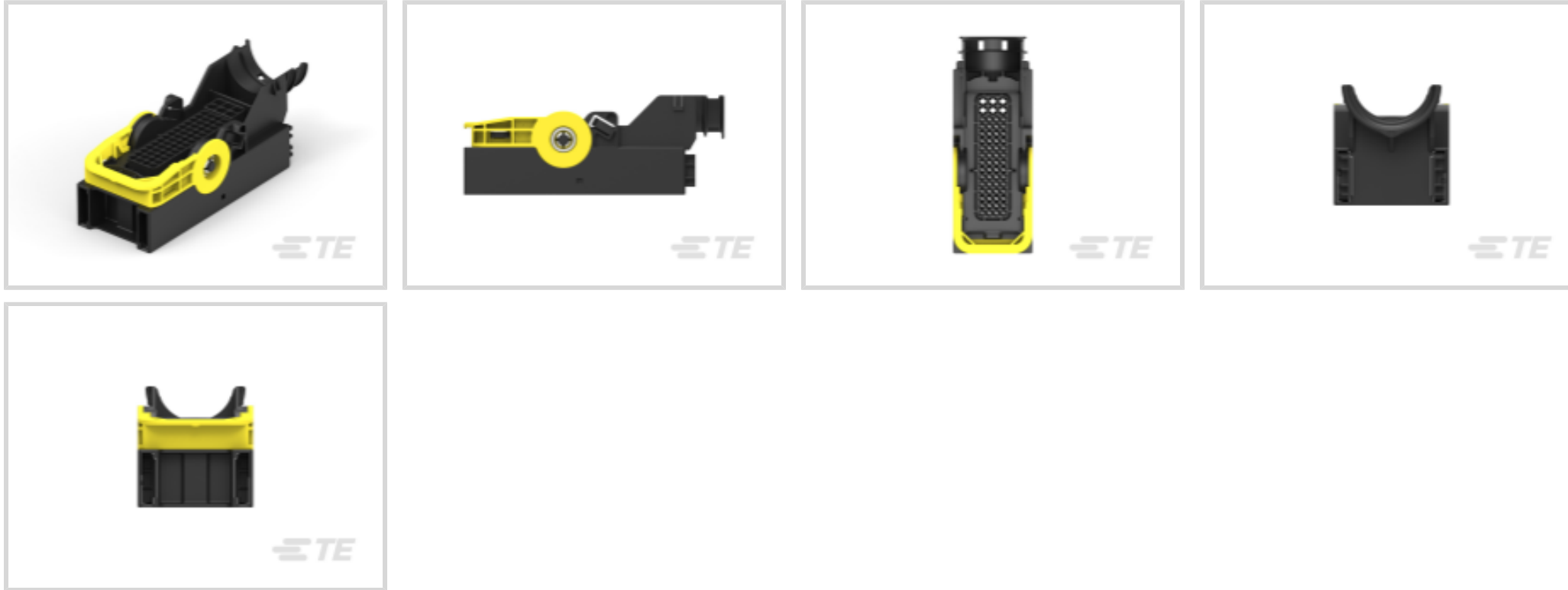


TE Internal #: 1-2293551-1

Housing for Female Terminals, Wire-to-Panel / Wire-to-Wire, 62
Position, .197 in / .157 in [5 mm / 4 mm] Centerline, Sealable, Black,
Wire & Cable

[View on TE.com >](#)

Connectors > Automotive Connectors > Automotive Housings



Connector System: **Wire-to-Panel, Wire-to-Wire**

Number of Positions: **62**

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

Centerline (Pitch): **4 mm, 5 mm [.157 in, .197 in]**

Sealable: **Yes**

Features

Product Type Features

| | |
|-----------------------------------|------------------------------|
| Mixed & Hybrid Connector | Yes |
| Connector Shape | Rectangular |
| Connector System | Wire-to-Panel, Wire-to-Wire |
| Connector & Housing Type | Housing for Female Terminals |
| Sealable | Yes |
| Connector & Contact Terminates To | Wire & Cable |
| Primary Locking Feature | Locking Lance |

Configuration Features

| | |
|---------------------|------|
| Number of Positions | 62 |
| Number of Rows | 3, 4 |

Electrical Characteristics

| | |
|------------------------------|--------|
| Operating Voltage | 36 VDC |
| Nominal Voltage Architecture | 12 V |

Body Features



| | |
|-----------------------|-------|
| Primary Product Color | Black |
|-----------------------|-------|

| | |
|-------------------------|---|
| Connector & Keying Code | A |
|-------------------------|---|

Contact Features

| | |
|--------------|-------------|
| Contact Size | 1.5K, 2.8mm |
|--------------|-------------|

| | |
|--------------|------------|
| Contact Type | Receptacle |
|--------------|------------|

| | |
|------------------|----------------|
| Mating Tab Width | 2.8 mm[.11 in] |
|------------------|----------------|

| | |
|------------------------------|------|
| Contact Current Rating (Max) | 40 A |
|------------------------------|------|

Mechanical Attachment

| | |
|-----------------------|-------|
| Mating Alignment Type | Keyed |
|-----------------------|-------|

| | |
|------------------|------|
| Mating Alignment | With |
|------------------|------|

| | |
|-------------------------|----------------------------|
| Connector Mounting Type | Cable Mount (Free-Hanging) |
|-------------------------|----------------------------|

Housing Features

| | |
|--------------------|------------------------------|
| Centerline (Pitch) | 4 mm, 5 mm[.157 in][.197 in] |
|--------------------|------------------------------|

Dimensions

| | |
|--------------------|--------------------------------|
| Row-to-Row Spacing | 4 mm, 5.5 mm[.157 in][.216 in] |
|--------------------|--------------------------------|

Usage Conditions

| | |
|-----------------------------|----------------|
| Operating Temperature (Max) | 120 °C[248 °F] |
|-----------------------------|----------------|

| | |
|-----------------------------|----------------------------|
| Operating Temperature Range | -40 – 120 °C[-40 – 248 °F] |
|-----------------------------|----------------------------|

Operation/Application

| | |
|---------------------|----------------|
| Circuit Application | Power & Signal |
|---------------------|----------------|

Other

| | |
|--------------------------------------|-----|
| Connector Position Assurance Capable | Yes |
|--------------------------------------|-----|

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: JUNE 2023 (235) 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 reviewed 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-L489-H342
LEAVYSEAL Headers



TE Part # 1-1718324-1
1.5/2.8MM TAB HSG.,62POS.,ASSY



TE Part # 828905-1
SINGLE-WIRE-SEAL(5MM HOLE)



TE Part # 1418882-1
COVER FOR 62POS.REC.HSG



TE Part # CAT-AM705-T273
AMP MCP, RECEPTACLE AND TAB

Customers Also Bought



TE Part #964971-1
EINZELLEITERDICHTNG



TE Part #1418882-1
COVER FOR 62POS.REC.HSG



TE Part #1418884-1
AMP MCP, RECEPTACLE AND TAB



TE Part #7-1452659-3
MCON Receptacle and Tab



Documents

CAD Files

3D PDF

3D

Customer View Model

[ENG_CVM_CVM_1-2293551-1_A.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_CVM_1-2293551-1_A.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_1-2293551-1_A.3d_stp.zip](#)

English

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

Product Specifications

Application Specification

German