



Connectors > Automotive Connectors > Connector Housings > SUPERSEAL Connector Housings: 1.0 mm



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

Mating Pin Diameter: **1 mm [ .039 in ]**

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

Number of Positions: **26**

Centerline (Pitch): **3 mm [ .118 in ]**

[All SUPERSEAL Connector Housings: 1.0 mm \(10\)](#)

Features

Product Type Features

|                          |                               |
|--------------------------|-------------------------------|
| Connector Shape          | Rectangular                   |
| Connector & Housing Type | Housing for Female Terminals  |
| Connector System         | Wire-to-Board, Wire-to-Device |
| Sealable                 | Yes                           |
| Hybrid Connector         | No                            |
| Primary Locking Feature  | Integrated in Housing         |

Configuration Features

|                     |    |
|---------------------|----|
| Number of Positions | 26 |
| Number of Rows      | 4  |

Electrical Characteristics

|                              |                                                  |
|------------------------------|--------------------------------------------------|
| Operating Voltage            | 250 VAC                                          |
| Nominal Voltage Architecture | 12 V, 24 V, 42 V, 48 V, 80 V, 90 V, 125 V, 240 V |



Body Features

|                       |        |
|-----------------------|--------|
| Cable Exit Angle      | 180°   |
| Body Material         | PBT GF |
| Primary Product Color | Black  |
| Connector Code        | 2      |

Contact Features

|                     |               |
|---------------------|---------------|
| Contact Type        | Socket        |
| Mating Pin Diameter | 1 mm[.039 in] |

Mechanical Attachment

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

Housing Features

|                    |               |
|--------------------|---------------|
| Centerline (Pitch) | 3 mm[.118 in] |
|--------------------|---------------|

Dimensions

|                    |                    |
|--------------------|--------------------|
| Product Width      | 32.2 mm[1.268 in]  |
| Product Length     | 32.15 mm[1.266 in] |
| Product Height     | 34.55 mm[1.36 in]  |
| Row-to-Row Spacing | 3 mm[.118 in]      |

Usage Conditions

|                             |                                                                                                                                                           |
|-----------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------|
| Operating Temperature (Max) | 70 °C, 75 °C, 80 °C, 85 °C, 90 °C, 100 °C, 105 °C, 110 °C, 120 °C, 125 °C[158 °F][167 °F][176 °F][185 °F][194 °F][212 °F][221 °F][230 °F][248 °F][257 °F] |
| Operating Temperature Range | -40 – 125 °C[-40 – 257 °F]                                                                                                                                |

Industry Standards

|                        |           |
|------------------------|-----------|
| Degree of Protection   | JIS D0203 |
| UL Flammability Rating | UL 94V-2  |

Packaging Features

|                  |      |
|------------------|------|
| Packaging Method | Tube |
|------------------|------|



Other

|                                      |     |
|--------------------------------------|-----|
| Serviceable                          | Yes |
| 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)<br>Candidate List Declared Against: JUNE 2022 (224)<br>Does not contain REACH SVHC |
| Halogen Content                               | Not Low Halogen - contains Br or Cl > 900 ppm.                                                                                  |
| 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-SU763-H342  
SUPERSEAL Connector Headers: 1.0 mm



TE Part # CAT-SU763-T273  
SUPERSEAL Connector Contacts: 1.0 mm

Also in the Series | **SUPERSEAL 1.0mm**



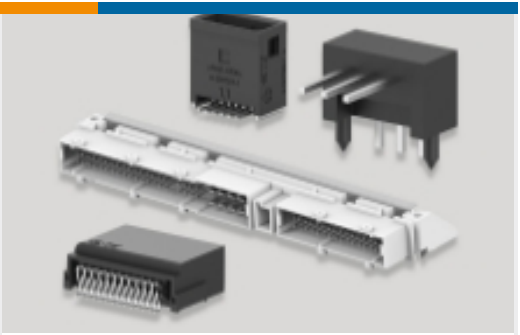
Automotive Housings(12)



Automotive Seals & Cavity Plugs(1)



Automotive Terminals(6)



PCB Headers & Receptacles(30)

Documents

Product Drawings

26POS,SUPERSEAL,REC HSG ASSY,SLD,COD 2

English

CAD Files

3D PDF

3D

Customer View Model

ENG\_CVM\_CVM\_3-1437290-8\_A.2d\_dxf.zip

English

Customer View Model

ENG\_CVM\_CVM\_3-1437290-8\_A.3d\_igs.zip

English

Customer View Model

ENG\_CVM\_CVM\_3-1437290-8\_A.3d\_stp.zip

English

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

Datasheets & Catalog Pages

ICT Terminals and Connectors Catalogue

English

CONNECTOR SELECTOR

English

Product Specifications

Receptacle Contact, Super Seal Connector

Japanese

Application Specification

Japanese

Super Seal Connector

Japanese

Application Specification

Japanese

Application Specification



English

Instruction Sheets

Instruction Sheet (non U.S.)

English

SUPER SEAL CONNECTOR PLUG HOUSING CONNECTOR

English

Agency Approvals

UL Report

English