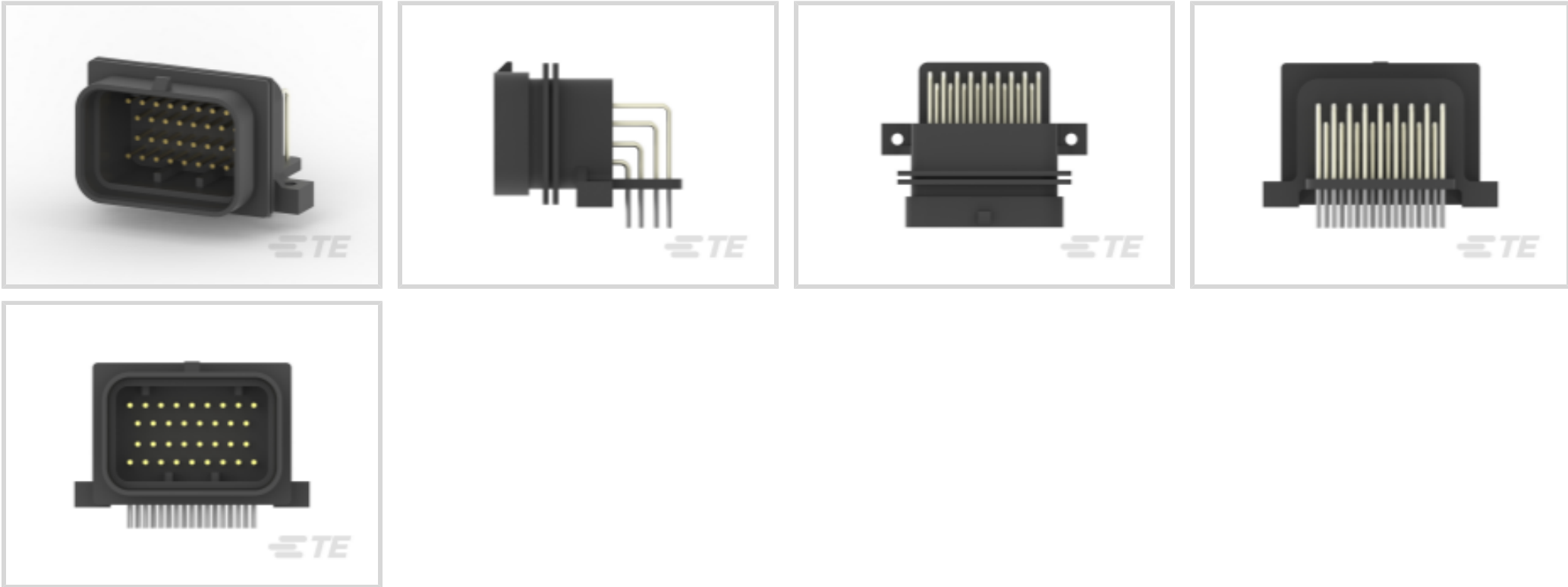




Connectors > PCB Connectors > PCB Headers & Receptacles > SUPERSEAL Connector Headers: 1.0 mm



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

Number of Positions: **34**

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

Sealable: **Yes**

PCB Mount Orientation: **Right Angle**

[All SUPERSEAL Connector Headers: 1.0 mm \(23\)](#)

Features

Product Type Features

|                                   |                       |
|-----------------------------------|-----------------------|
| Mixed & Hybrid Header             | No                    |
| Connector Shape                   | Rectangular           |
| PCB Connector Assembly Type       | PCB Mount Header      |
| Header Type                       | Fully Shrouded        |
| Connector System                  | Wire-to-Board         |
| Sealable                          | Yes                   |
| Connector & Contact Terminates To | Printed Circuit Board |

Configuration Features

|                            |             |
|----------------------------|-------------|
| Number of Sections         | 1           |
| Number of Signal Positions | 34          |
| Number of Positions        | 34          |
| PCB Mount Orientation      | Right Angle |
| Number of Rows             | 4           |



Electrical Characteristics

|                              |                               |
|------------------------------|-------------------------------|
| Voltage Rating (Max)         | 250 VAC                       |
| Nominal Voltage Architecture | 12 V, 24 V, 42 V, 48 V, 240 V |
| Operating Voltage            | 250 VAC                       |

Body Features

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

Contact Features

|                                      |               |
|--------------------------------------|---------------|
| Contact Size                         | 1mm           |
| Contact Type                         | Pin           |
| Mating Pin Diameter                  | 1 mm[.039 in] |
| Contact Mating Area Plating Material | Gold          |

Termination Features

|                           |                       |
|---------------------------|-----------------------|
| Termination Method to PCB | Through Hole - Solder |
|---------------------------|-----------------------|

Mechanical Attachment

|                         |                   |
|-------------------------|-------------------|
| Mounting Holes          | With              |
| Mating Retention        | With              |
| Mating Alignment        | With              |
| PCB Mount Alignment     | Without           |
| Panel Mount Feature     | Without           |
| PCB Mount Retention     | Without           |
| Mating Retention Type   | Locking Interface |
| Connector Mounting Type | Board Mount       |

Housing Features

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

Dimensions

|                         |                  |
|-------------------------|------------------|
| Connector Length        | 45.5 mm[1.79 in] |
| Connector Width         | 36.5 mm[1.44 in] |
| Profile Height from PCB | 27.9 mm[1.1 in]  |

Usage Conditions

|                             |                            |
|-----------------------------|----------------------------|
| Operating Temperature (Max) | 125 °C[257 °F]             |
| Operating Temperature Range | -40 – 125 °C[-40 – 257 °F] |



Operation/Application

|                     |        |
|---------------------|--------|
| Shielded            | No     |
| Circuit Application | Signal |

Industry Standards

|                      |      |
|----------------------|------|
| Degree of Protection | IPX7 |
|----------------------|------|

Packaging Features

|                    |      |
|--------------------|------|
| Packaging Quantity | 14   |
| Packaging Method   | Tube |

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 2024 (241)<br>Candidate List Declared Against: JUNE 2024 (241)<br>Does not contain REACH SVHC |
| Halogen Content                               | Not Low Halogen - contains Br or Cl > 900 ppm.  |
| Solder Process Capability                     | Wave solder capable to 240°C  |

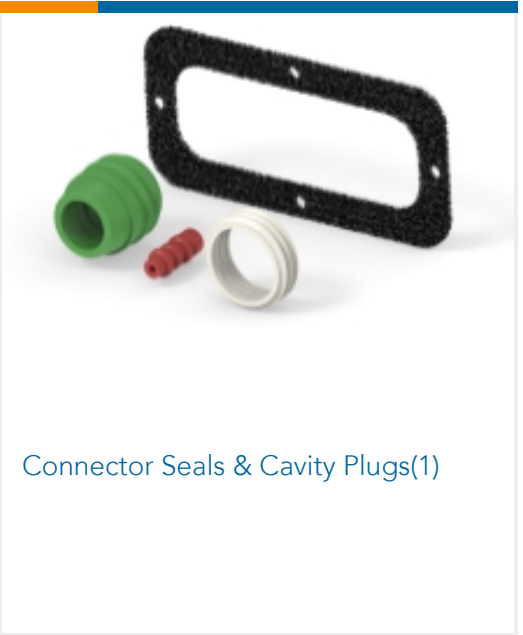
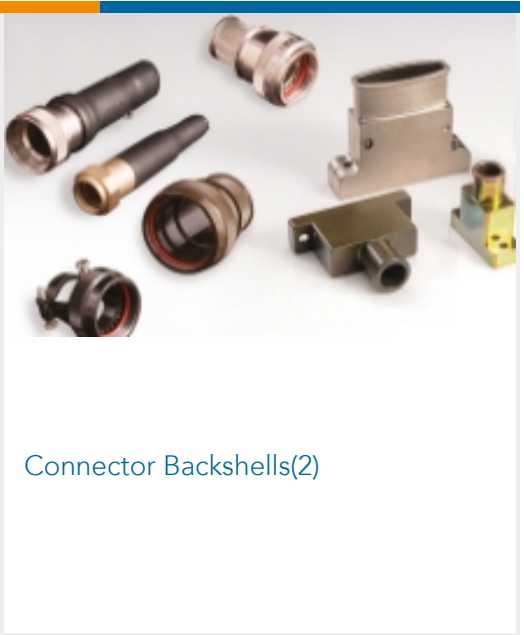
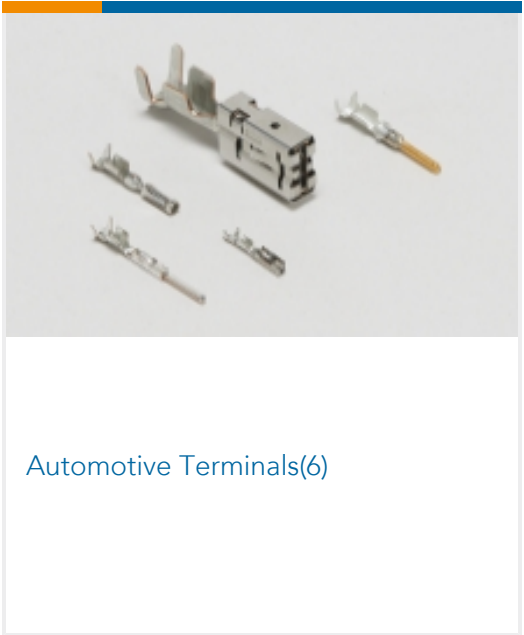
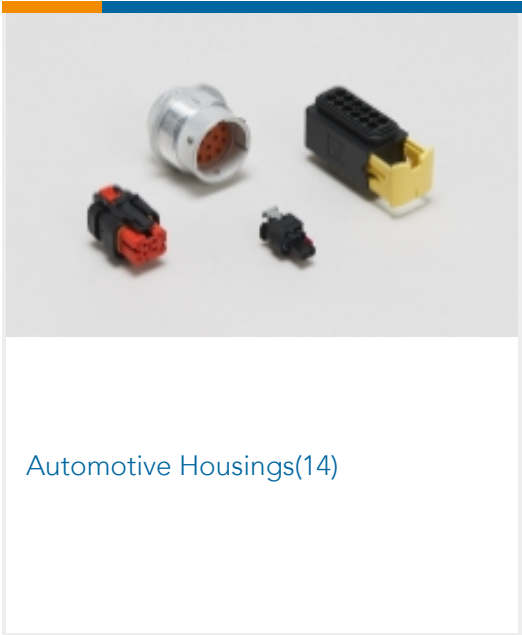
Product Compliance Disclaimer

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>

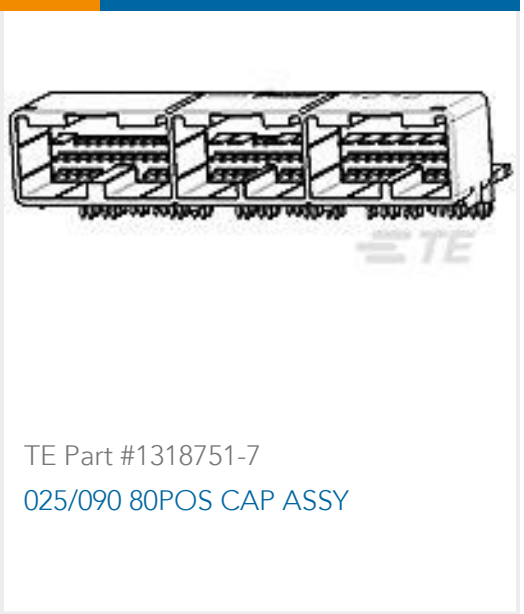
Compatible Parts



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



Customers Also Bought





Documents

Product Drawings

SUPER SEAL 34POS CAP ASSY

Japanese

SUPER SEAL 34POS CAP ASSY

English

CAD Files

Customer View Model

ENG\_CVM\_CVM\_6437288-2\_C.2d\_dxf.zip

English

3D PDF

3D

Customer View Model

ENG\_CVM\_CVM\_6437288-2\_C.3d\_igs.zip

English

Customer View Model

ENG\_CVM\_CVM\_6437288-2\_C.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

Product Specifications

Receptacle Contact, Super Seal Connector

Japanese

Application Specification

Japanese

Super Seal Connector

Japanese

Application Specification

Japanese

Instruction Sheets

Instruction Sheet (non U.S.)

English

SUPER SEAL CONNECTOR PLUG HOUSING CONNECTOR

English

Agency Approvals

UL Report

English

6437288-2

PCB Mount Header, Right Angle, Wire-to-Board, 34 Position, 3 mm [.118 in]  
Centerline, Fully Shrouded, Gold, Through Hole - Solder, SUPERSEAL 1.0mm

