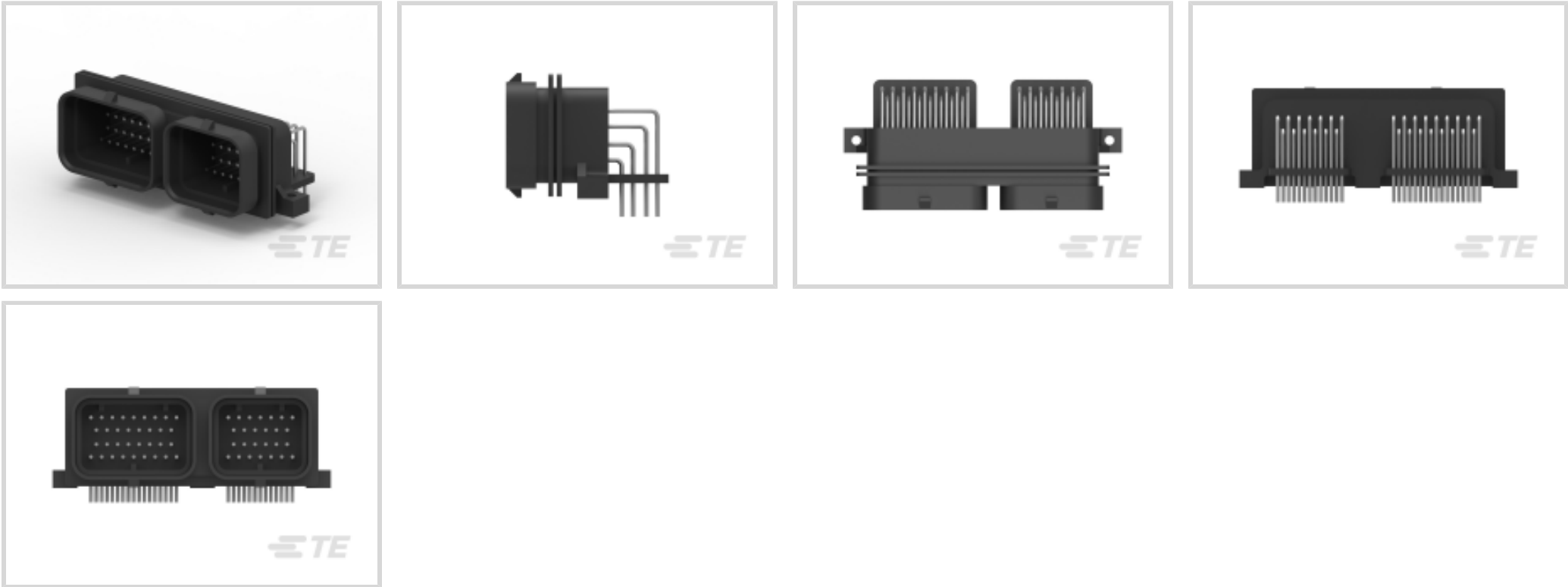




Connectors > PCB Connectors > PCB Headers & Receptacles > SUPERSEAL Connector Headers: 1.0 mm



PCB Connector Type: **PCB Mount Header**
PCB Mount Orientation: **Right Angle**
Connector System: **Wire-to-Board, Wire-to-Device**
Number of Positions: **60**
Number of Rows: **4**

[All SUPERSEAL Connector Headers: 1.0 mm \(39\)](#)

Features

Product Type Features

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

Configuration Features

Number of Signal Positions	60
PCB Mount Orientation	Right Angle
Number of Positions	60
Number of Rows	4



Electrical Characteristics

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

Body Features

Primary Product Color	Black
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Contact Features

Mating Pin Diameter	1 mm[.039 in]
Contact Size	1mm
Contact Mating Area Plating Material	Gold (Au)
Contact Type	Pin

Termination Features

Termination Method to PCB	Through Hole - Solder
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Mechanical Attachment

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

Housing Features

Centerline (Pitch)	3 mm, 3.5 mm[.118 in][.138 in]
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Dimensions

Connector Width	23 mm[.906 in]
Profile Height from PCB	21.4 mm[.843 in]
Connector Length	78 mm[3.07 in]

Usage Conditions

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



Operation/Application

Shielded	No
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Industry Standards

IP Rating	JIS D0203
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Packaging Features

Packaging Quantity	320
Packaging Method	Box

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 2025 (247) Candidate List Declared Against: JAN 2025 (247) 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 # 2-1746107-4

SUPER SEAL 60POS CAP SUB ASSY H AU

TE Part # CAT-SU763-CH8172

SUPERSEAL Connector Housings: 1.0 mm

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

Automotive Housings(22)

Automotive Terminals(10)

PCB Headers & Receptacles(39)

Rectangular Backshells & Clamps(3)

Customers Also Bought

TE Part #CAT-SU763-H342

SUPERSEAL Connector Headers: 1.0 mm

TE Part #CAT-SU763-CH8172

SUPERSEAL Connector Housings: 1.0 mm

TE Part #7-1437292-4

939600=939600

TE Part #8-1447231-3

102262-10=KIT ASSY10P(PLG+COMB

TE Part #2-1437290-5

102282-24=DWG#C1022 REV C

TE Part #8-1447231-4

102272-18=KIT ASSY18P(PLG+COMB

TE Part #4-966140-6

TAB HEADER2,8X0,8MM 21POS

Documents

Product Drawings

SUPER SEAL 60POS CAP ASSY H AU

Japanese

SUPER SEAL 60POS CAP ASSY H AU

English

CAD Files



Customer View Model

[ENG_CVM_CVM_3-6437285-2_D.2d_dxf.zip](#)

English

[3D PDF](#)

3D

Customer View Model

[ENG_CVM_CVM_3-6437285-2_D.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_3-6437285-2_D.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

[Application Specification](#)

English

[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