



Automotive Parts > Automotive Connectors > Automotive Headers > SUPERSEAL 1.0 Connector Headers



PCB Mount Orientation: **Vertical**

Termination Method to PCB: **Through Hole - Solder**

Sealable: **Yes**

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

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

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

Features

Product Type Features

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

Configuration Features

Number of Signal Positions	26
Number of Sections	1
PCB Mount Orientation	Vertical
Number of Positions	26
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

Connector & Keying Code	2
Primary Product Color	Black

Contact Features

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

Termination Features

Termination Method to PCB	Through Hole - Solder
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Mechanical Attachment

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

Housing Features

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

Connector Width	39 mm[1.53 in]
Profile Height from PCB	24.7 mm[.972 in]
Connector Length	36.5 mm[1.44 in]

Usage Conditions

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

Operation/Application

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Shielded	No
Circuit Application	Signal

Industry Standards

IP Rating	IPX7
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Packaging Features

Packaging Quantity	17
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: JAN 2025 (247) Candidate List Declared Against: JUNE 2024 (241) 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



TE Part # CAT-SU763-CH8172
SUPERSEAL 1.0 Connector Housings

TE Part # 6437288-4
SUPER SEAL 26POS CAP ASSY H AU

Also in the Series

SUPERSEAL 1.0mm

Automotive Housings(22)

Automotive Seals & Cavity Plugs(1)

Rectangular Backshells & Clamps(3)

Customers Also Bought

TE Part #AS112-35SN-993W
RECEPT.CABLE COUP.TYPE 1

TE Part #AS612-35PN-993V
PLUG BOOT TERMIN TYPE 6.NO
COUPLING R NO

TE Part #1-176975-9
UNIV POWER HDR ASSY 2P BLACK

TE Part #966140-1
MESSERLEISTE 18P

TE Part #3-966140-6
MESSERLEISTE 21P

TE Part #1-1418656-3
10 POS SHIELDED 90 DEG LVDS
PINHDR, MOS

TE Part #6-1676913-0
YR1 0.1% 274R

TE Part #5-1676914-8
YR1 0.1% 549R

TE Part #966595-1
MESSERLEISTE 68P

TE Part #1-1617030-4
HFW1201D24 = HFW 1/2 SIZE RELA



Documents

Product Drawings

SUPER SEAL 26POS CAP ASSY V AU

Japanese

SUPER SEAL 26POS CAP ASSY V AU

Japanese

CAD Files

Customer View Model

ENG_CVM_CVM_6473418-1_D.2d_dxf.zip

English

3D PDF

3D

Customer View Model

ENG_CVM_CVM_6473418-1_D.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_6473418-1_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

CONNECTOR SELECTOR

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

6473418-1

Vertical, Wire-to-Board / Wire-to-Device, 26 Position, 4 Rows, 3mm [.118in]
Centerline, Gold (Au), Sealable, Printed Circuit Board, SUPERSEAL 1.0mm

