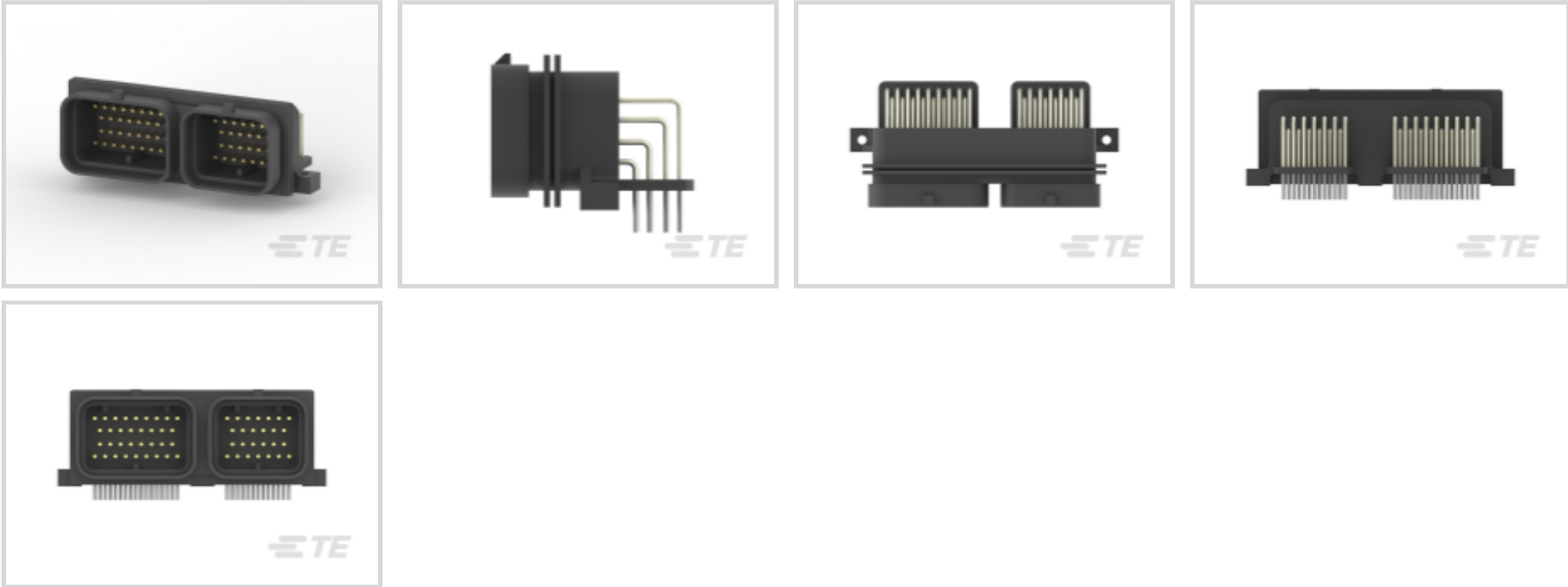




Connectors > PCB Connectors > PCB Headers & Receptacles > SUPERSEAL Connector Headers: 1.0 mm



PCB Connector Type: **PCB Mount Header**

PCB Mount Orientation: **Right Angle**

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

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
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
Number of Sections	2
PCB Mount Orientation	Right Angle
Number of Positions	60



Number of Rows	4
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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[.118 in]
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Dimensions

Connector Width	36.5 mm[1.44 in]
Profile Height from PCB	27.9 mm[1.1 in]
Connector Length	78 mm[3.1 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

IP Rating	IPX7
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Packaging Features

Packaging Quantity	8
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: JAN 2025 (247) 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

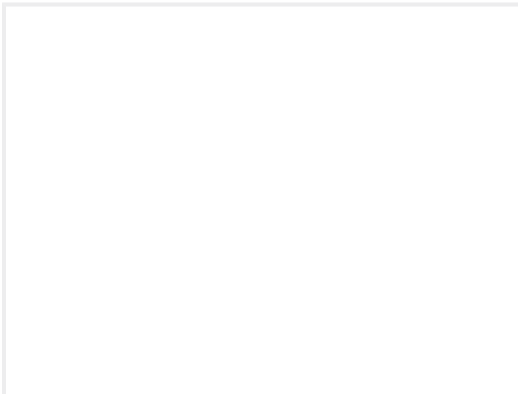
Product Compliance Disclaimer

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 # 6473427-1
SUPER SEAL 60POS CAP ASSY H AU




TE Part # 1746107-9
SUPER SEAL 60POS CAP SUB ASSY H AU

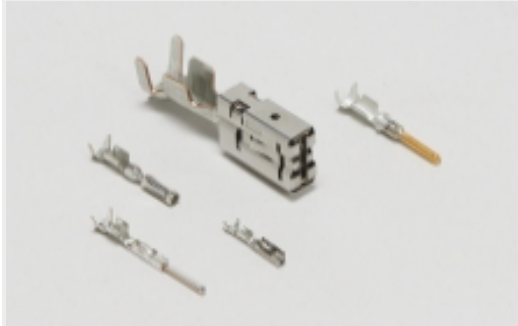


TE Part # CAT-SU763-CH8172
SUPERSEAL Connector Housings: 1.0 mm

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



Automotive Housings(22)



Automotive Terminals(10)



PCB Headers & Receptacles(39)

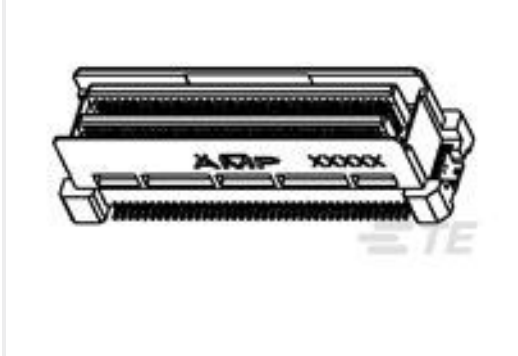


Rectangular Backshells & Clamps(3)

Customers Also Bought



TE Part #CAT-SU763-H342
SUPERSEAL Connector Headers: 1.0 mm



TE Part #6376611-1
MICRO STACK HDR ASSY 80P H=6.75



TE Part #5174151-2
040/070 MULTI I/O CONN 64PASSY



TE Part #6376610-1
MICRO STACK HDR ASSY 80P H=9



TE Part #172205-2
ECONOSEAL-J CONN CAP 4P BLACK



TE Part #172243-1
DLI 12POS CAP ASSY H TIN



TE Part #173856-6
070 MLC CAP ASS'Y 8P GRAY

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_6437288-3_D.2d_dxf.zip](#)

English

[3D PDF](#)

3D

Customer View Model

[ENG_CVM_CVM_6437288-3_D.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_6437288-3_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