3-6437285-2 ✔ ACTIVE

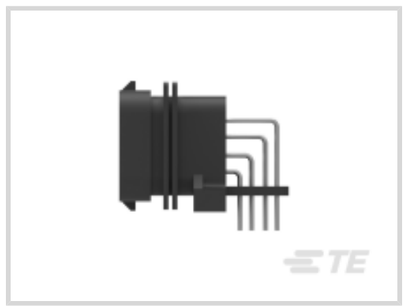
AMP | SUPERSEAL 1.0mm

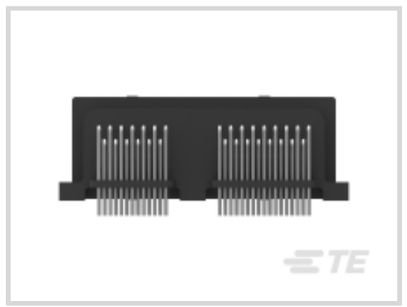
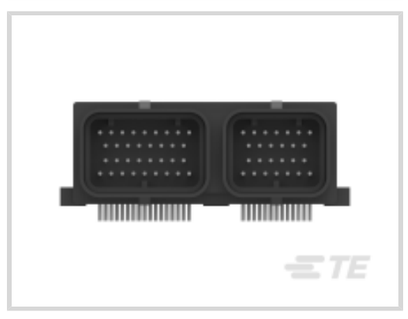
TE Internal #: 3-6437285-2

Right Angle, Wire-to-Board / Wire-to-Device, 60 Position, 4 Row, 3mm / 3.5mm [.118in / .138in] Centerline, Gold (Au), Sealable, SUPERSEAL 1.0mm

View on TE.com >

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

PCB Mount Orientation: **Right Angle**

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

Sealable: **Yes**

Centerline (Pitch): **3 mm, 3.5 mm [.118 in, .138 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	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

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

Mechanical Attachment

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

Housing Features

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

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

Industry Standards

IP Rating	JIS D0203

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	有害物质含量符合标准要求 No Restricted Substance(s) Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUNE 2025 (250) Candidate List Declared Against: JUNE 2025 (250) 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 1.0 Connector Housings

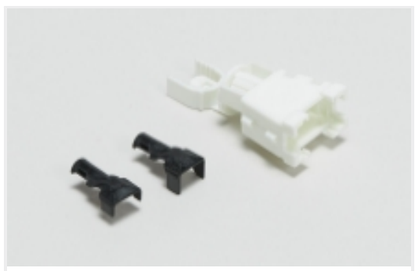
Also in the Series | SUPERSEAL 1.0mm



Automotive Housings(22)



Automotive Seals & Cavity Plugs(1)



Rectangular Backshells & Clamps(3)

Customers Also Bought



TE Part #DT06-12SC-CE06
PLG, 12P, GRN, E, SEAL RET, ENH KEY, C



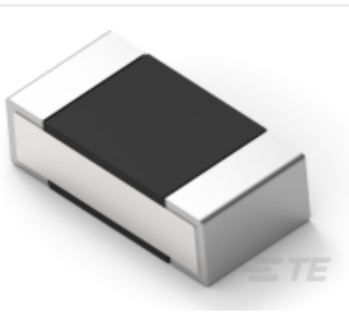
TE Part #776533-1
AS16,PLUG ASSY,ST,12P,E SEAL, CODE A



TE Part #CAT-LMPH9507
Low & Medium Power Header



TE Part #3-1437290-9
34POS,SUPERSEAL,REC HSG ASSY, SLD,COD 2



TE Part #2176308-4
RP 1E 0.1W 143K 0.1% 25PPM 5K RL



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

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

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