

6437288-2 ✓ ACTIVE

AMP | SUPERSEAL 1.0mm

TE Internal #: 6437288-2

Right Angle, Wire-to-Board, 34 Position, 4 Row, 3mm [.118in]

Centerline, Gold (Au), Sealable, Printed Circuit Board, Signal, Black,

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 [.118 in]**

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

[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
Connector & Contact Terminates To	Printed Circuit Board

Configuration Features

Number of Signal Positions	34
Number of Sections	1
PCB Mount Orientation	Right Angle
Number of Positions	34
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 [.118 in]
--------------------	----------------

Dimensions

Connector Width	36.5 mm [1.44 in]
Connector Length	45.5 mm [1.79 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

IP Rating

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

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.

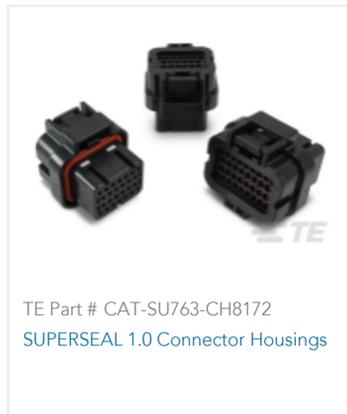
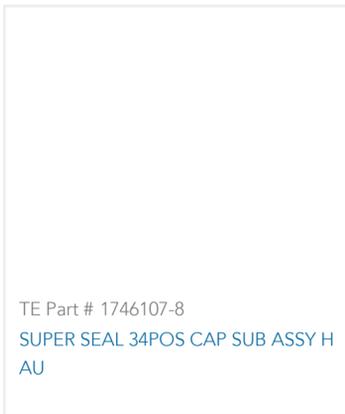
Solder Process Capability

Wave solder capable to 240°C

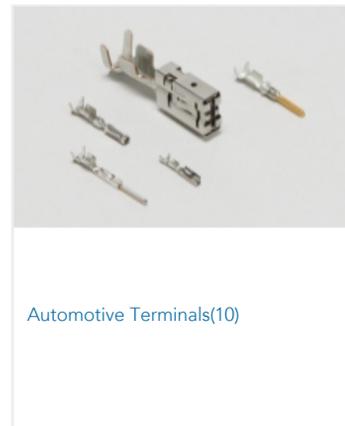
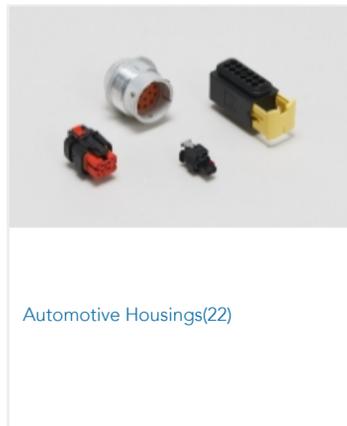
Product Compliance Disclaimer

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

[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