

6437288-1 ✓ ACTIVE

AMP | SUPERSEAL 1.0mm

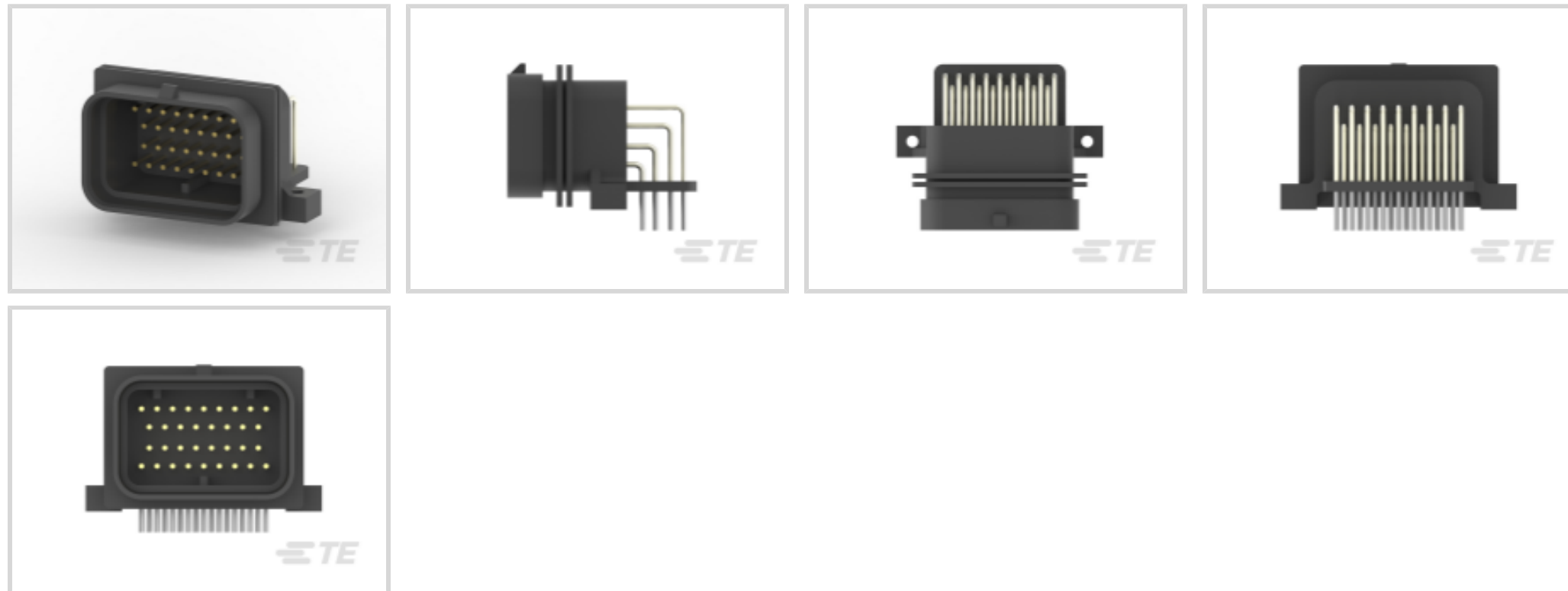
TE Internal #: 6437288-1

PCB Mount Header, Right Angle, Wire-to-Board, 34 Position, 3 mm [.118 in] Centerline, Fully Shrouded, Gold (Au), SUPERSEAL 1.0mm

[View on TE.com >](#)



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: **34**

Number of Rows: **4**

[All SUPERSEAL Connector Headers: 1.0 mm \(35\)](#)

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	34
Number of Sections	1
PCB Mount Orientation	Right Angle
Number of Positions	34



Number of Rows	4
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Electrical Characteristics

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

Primary Product Color	Black
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Contact Features

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

Termination Method to PCB	Through Hole - Solder
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Mechanical Attachment

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

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

Connector Width	36.5 mm [1.44 in]
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Profile Height from PCB	27.9 mm [1.1 in]
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Connector Length	45.5 mm [1.79 in]
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Usage Conditions

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

Shielded	No
Circuit Application	Signal

Industry Standards

IP Rating	IPX7
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Packaging Features

Packaging Quantity	14
Packaging Method	Tube

Product Compliance

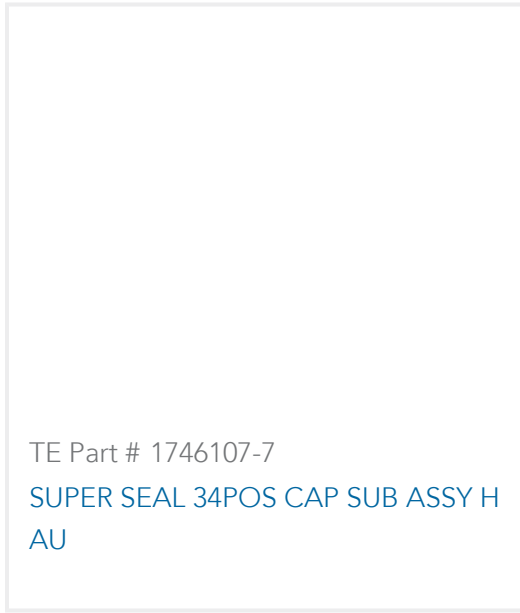
[For compliance documentation, visit the product page on TE.com>](#)

EU RoHS Directive 2011/65/EU	Compliant
EU ELV Directive 2000/53/EC	Compliant
China RoHS 2 Directive MIIT Order No 32, 2016	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

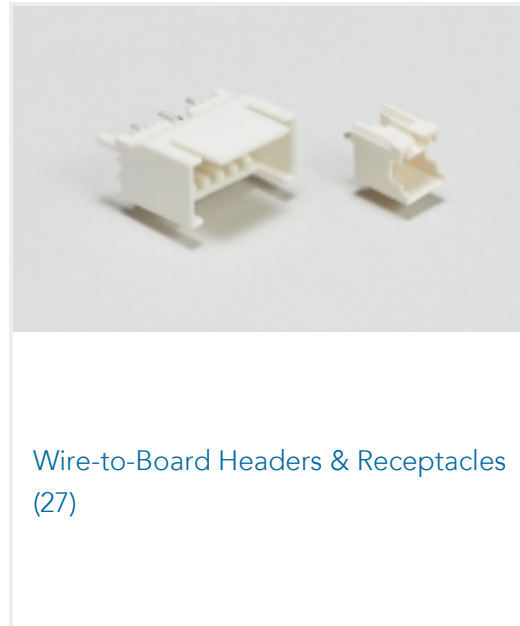
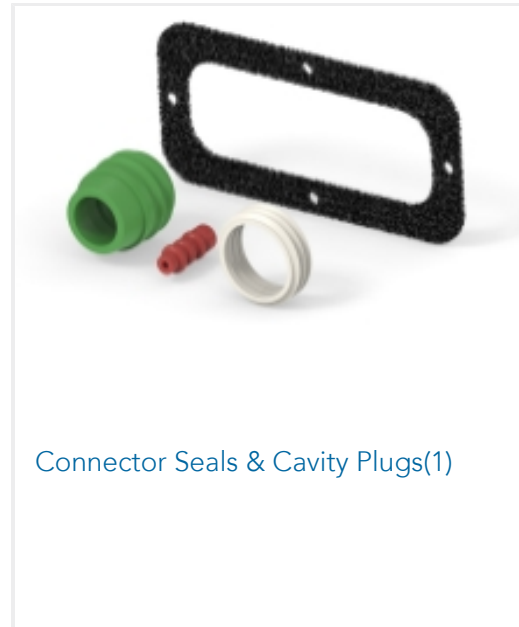
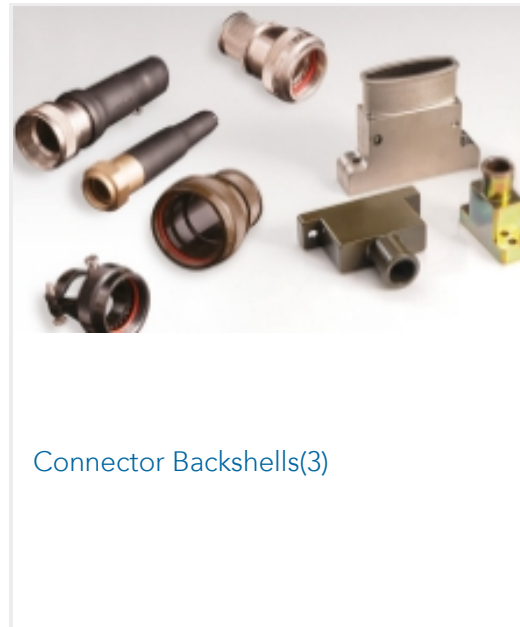
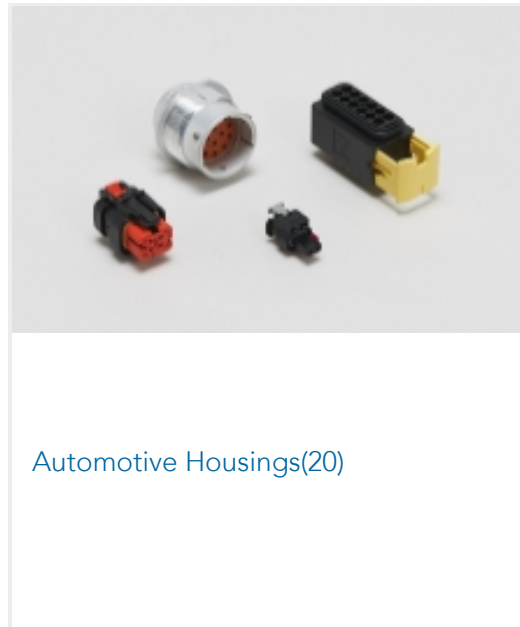
Product Compliance Disclaimer

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>

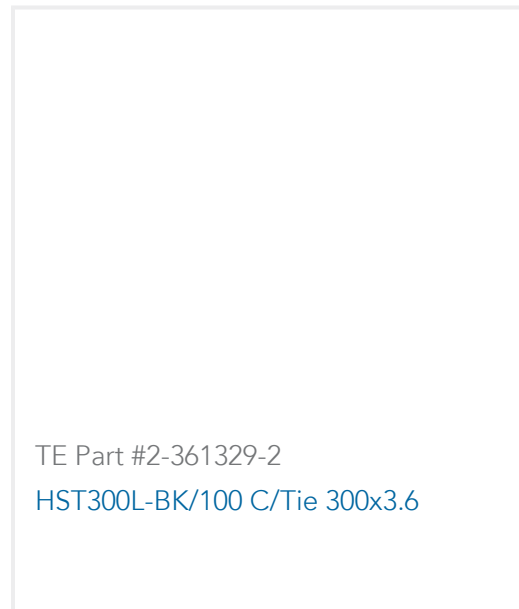
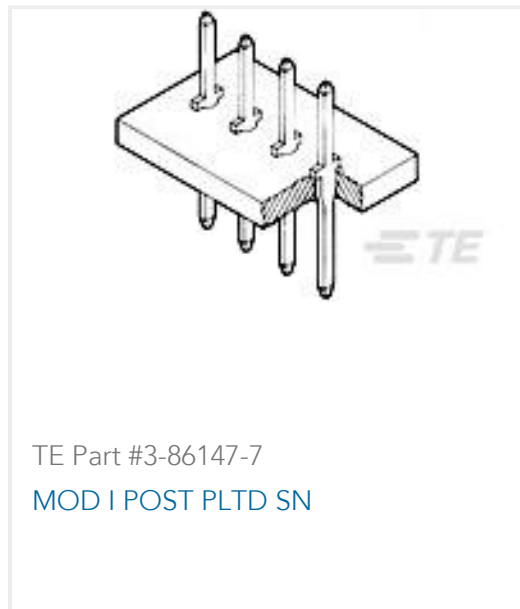
Compatible Parts



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_6437288-1_C.2d_dxf.zip](#)

English

[3D PDF](#)

3D

Customer View Model

[ENG_CVM_CVM_6437288-1_C.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_6437288-1_C.3d_stp.zip](#)

English

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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

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[UL Report](#)

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