6437288-2 ✔ ACTIVE

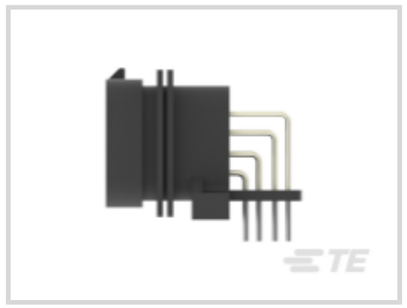
AMP | SUPERSEAL 1.0mm

TE Internal #: 6437288-2

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

View on TE.com >

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




EU RoHS Compliance: **Compliant**

EU ELV Compliance: **Compliant**

PCB Connector Assembly Type: **PCB Mount Header**

PCB Mount Orientation: **Right Angle**

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

All SUPERSEAL Connector Headers: 1.0 mm (35)

Features

Other

EU RoHS Compliance	Compliant
EU ELV Compliance	Compliant

Product Type Features

Mixed & Hybrid Header	No
Connector Shape	Rectangular
PCB Connector Assembly Type	PCB Mount Header
Connector System	Wire-to-Board
Header Type	Fully Shrouded
Sealable	Yes
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	24 V, 240 V, 42 V, 48 V, 12 V

Body Features

Primary Product Color	Black

Contact Features

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

Termination Features

Termination Method to PCB	Through Hole - Solder

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]

Dimensions

Connector Width	36.5 mm[1.44 in]
Profile Height from PCB	27.9 mm[1.1 in]
Connector Length	45.5 mm[1.79 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	No Restricted Materials Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUNE 2024 (241) 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

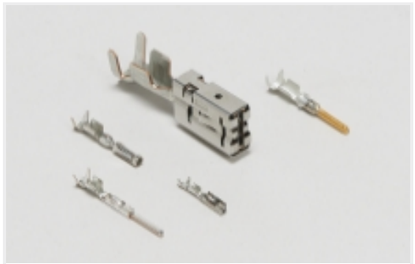


TE Part # CAT-SU763-CH8172
SUPERSEAL Connector Housings: 1.0 mm

Also in the Series | SUPERSEAL 1.0mm



Automotive Housings(20)



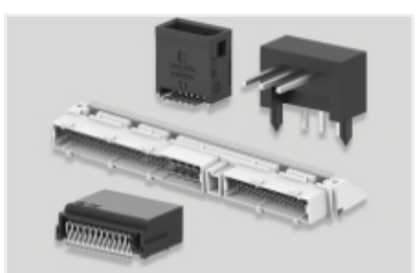
Automotive Terminals(10)



Connector Backshells(3)



Connector Seals & Cavity Plugs(1)



PCB Headers & Receptacles(39)

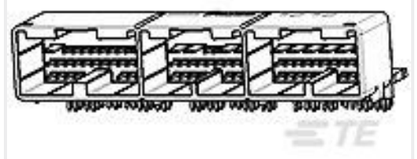
Customers Also Bought



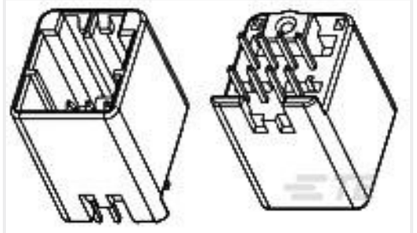
TE Part #6437288-3
SUPERSEAL Connector Headers: 1.0 mm



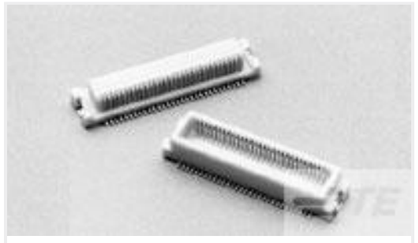
TE Part #2177367-3
20POS,TAB 0.5X0.4,HEADER ASSY, CODA



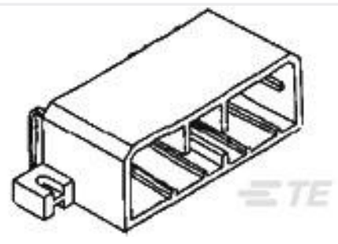
TE Part #1318751-7
025/090 80POS CAP ASSY



TE Part #1565542-1
040 MLC MK2 8POS CAP ASSY V



TE Part #1565357-6
ON TAPING(EMBOSS) 0.5MM PITCH



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



TE Part #172257-1
DLI 20POS CAP ASSY V TIN



TE Part #726535-000
B-106-7401

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

Receptacle Contact, Super Seal Connector

Japanese

Application Specification

Japanese

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