2050046-1 ✓ ACTIVE

AMP | Superseal Pro
TE Internal #: 2050046-1
Housing for Female Terminals, Wire-to-Board / Wire-to-Wire / Wire-to-Device, 2 Position, Sealable, Signal, Cable Mount (Free-Hanging), Superseal Pro

View on TE.com >

Connectors > Automotive Connectors > Automotive Housings

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

Number of Positions: **2**

Connector & Housing Type: **Housing for Female Terminals**

Sealable: **Yes**

Mating Tab Width: **2.8 mm [.11 in]**

Features

Product Type Features

Mixed & Hybrid Connector	No
Connector Shape	Rectangular
Connector System	Wire-to-Board, Wire-to-Device, Wire-to-Wire
Connector & Housing Type	Housing for Female Terminals
Sealable	Yes
Primary Locking Feature	On the Terminal

Configuration Features

Number of Positions	2
Number of Rows	1

Electrical Characteristics

Operating Voltage	50 VDC
Nominal Voltage Architecture	12 V, 24 V, 42 V, 48 V

Body Features

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Cable Exit Angle	180°
Connector & Keying Code	I

Contact Features

Contact Size	2.8mm
Contact Type	Receptacle
Mating Tab Width	2.8 mm[.11 in]

Mechanical Attachment

Terminal Position Assurance	No
Strain Relief	Add By Accessory
Mating Alignment Type	Keyed
Mating Alignment	With
Connector Mounting Type	Cable Mount (Free-Hanging)

Housing Features

Housing Material	PA66 GF15

Dimensions

Connector Height	20.1 mm[.791 in]
Product Width	25 mm[.984 in]
Product Length	30.5 mm[1.201 in]

Usage Conditions

Operating Temperature (Max)	70 °C, 75 °C, 80 °C, 85 °C, 90 °C, 100 °C, 105 °C, 110 °C, 120 °C[158 °F][167 °F][176 °F][185 °F][194 °F][212 °F][221 °F][230 °F][248 °F]
Operating Temperature Range	-40 – 120 °C[-40 – 248 °F]

Operation/Application

Circuit Application	Signal

Industry Standards

UL Flammability Rating	UL 94HB

Packaging Features

Packaging Quantity	600
Packaging Method	Box

Other

Serviceable	Yes

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Connector Position Assurance Capable	No

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 2023 (235) Candidate List Declared Against: JUNE 2023 (235) Does not contain REACH SVHC
Halogen Content	BFR/CFR/PVC Free, but Br/Cl >900 ppm in other sources.
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 # 828905-1
SINGLE-WIRE-SEAL(5MM HOLE)

TE Part # CAT-AM706-T273
AMP MCP, SFC, RECEPTACLE
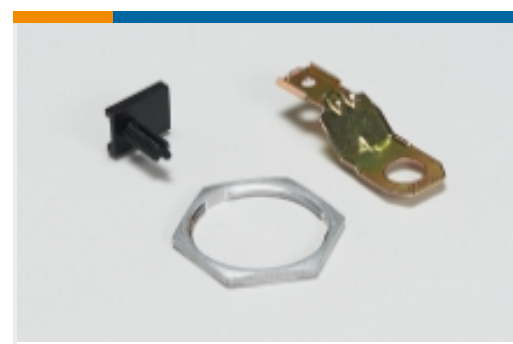

TE Part # 828904-1
SINGLE WIRE SEAL FOR J.P.T.CON

Also in the Series | Superseal Pro

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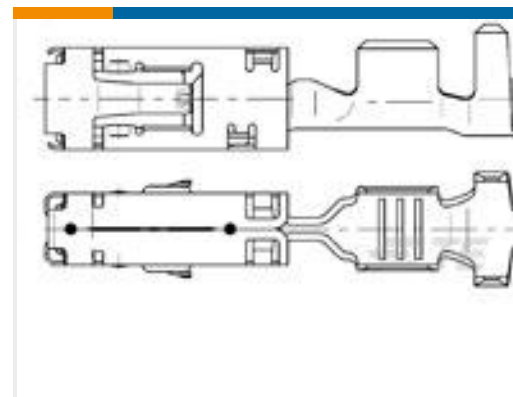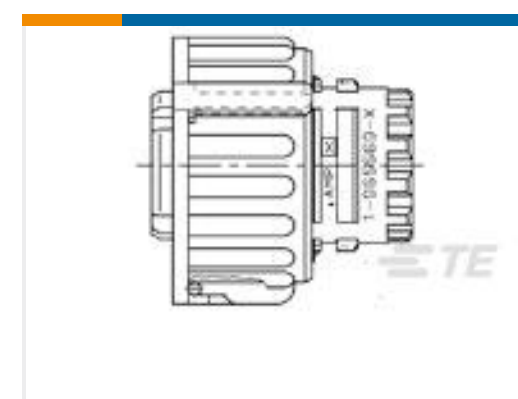
Automotive Housings(87)

Connector Backshells(15)

Other Automotive Connector Accessories(1)

Customers Also Bought

TE Part #2209545-9
MQS, CONNECTOR HOUSING

TE Part #2209441-1
2W SPLASH PROOF CONN. W.S.L. JPT

TE Part #967542-1
SENSOR FLA-KONT 2,8

TE Part #1443997-2
BASE ASSEMBLY, 60 POSITION, BB

TE Part #1411576-1
ELO 0.63, CONTACT

TE Part #2050049-2
3POS 2.8MM SENSOR PLUG ASSY

TE Part #2208731-1
COVER,OUTGOING 90DEG,ASSY

TE Part #1-1813099-3
2.5mm SOCKET HSG ASSEMBLY (BLACK 2POS)

TE Part #F958733001
55E0119-1.50-9(B01)

Documents

Product Drawings
2POS 2.8MM SENSOR PLUG ASSY.

English

CAD Files
Customer View Model
ENG_CVM_CVM_2050046-1_A.2d_dxf.zip

English

3D PDF

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3D

Customer View Model

ENG_CVM_CVM_2050046-1_A.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_2050046-1_A.3d_stp.zip

English

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