2325102-1 ✔ ACTIVE

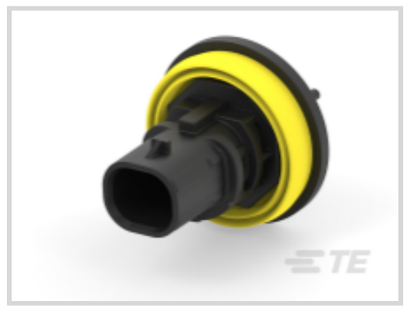
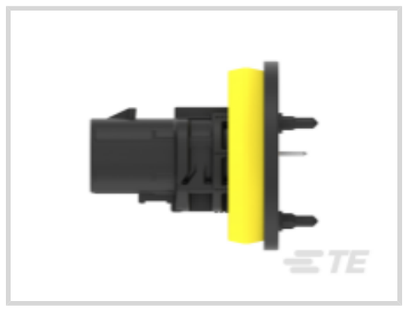
enetSEAL+ | enetSEAL+

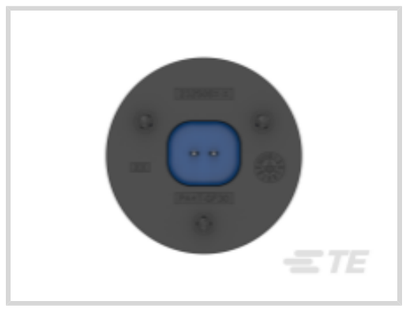
TE Internal #: 2325102-1

Vertical, Wire-to-Board, 2 Position, 1 Rows, 2.5mm [.1in] Centerline, Gold (Au), Sealable, Printed Circuit Board, Power, Black, Board Mount, enetSEAL+

View on TE.com >

Automotive Parts > Automotive Connectors > Automotive Headers > enetSEAL+ Ethernet Connector Headers




PCB Mount Orientation: **Vertical**

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

Sealable: **Yes**

Centerline (Pitch): **2.5 mm [.1 in]**

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

All enetSEAL+ Ethernet Connector Headers (3)

Features

Product Type Features

Header Type	Fully Shrouded
Connector Shape	Rectangular
Connector Product Type	Connector Assembly
Sealable	Yes
Connector System	Wire-to-Board
Connector & Contact Terminates To	Printed Circuit Board

Configuration Features

Number of Sections	1
PCB Mount Orientation	Vertical
Number of Positions	2
Number of Rows	1

Electrical Characteristics

Operating Voltage	33 VDC

Body Features

Connector & Keying Code	A
Primary Product Color	Black

Contact Features

Mating Tab Thickness	.6 mm[.024 in]
Contact Type	Tab
Mating Tab Width	1.2 mm[.047 in]
Contact Mating Area Plating Material	Gold (Au)

Termination Features

Termination Method to PCB	Through Hole - Solder

Mechanical Attachment

Mating Alignment	With
PCB Mount Retention	With
PCB Mount Alignment	With
Connector Mounting Type	Board Mount

Housing Features

Centerline (Pitch)	2.5 mm[.1 in]

Usage Conditions

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

Operation/Application

Circuit Application	Power

Packaging Features

Packaging Method	Tray
Packaging Quantity	45

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 2025 (250) Candidate List Declared Against: JUNE 2024 (241) Does not contain REACH SVHC
Halogen Content	Low Halogen - Br, Cl, F < 900 ppm per homogenous material. Also BFR/CFR/PVC Free
Solder Process Capability	Not reviewed 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 # CAT-AI5-EH
enetSEAL+ Ethernet Connector Housings



TE Part # CAT-AI5-EA
enetSEAL+ Ethernet Connector Accessories

Also in the Series | enetSEAL+



Automotive Housings(4)



Infotainment & Multimedia Cable Assemblies(8)

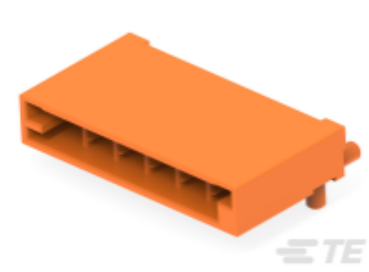


Other Automotive Connector Accessories(3)

Customers Also Bought



TE Part #2311622-1
16POS,TAB0.63X0.63,HDR ASSY, 90DEG,SLDR



TE Part #2322946-5
6POS,TAB0.63X0.63,HDR ASSY,90DEG



TE Part #2-2322946-3
2POS,TAB0.63X0.63,HDR ASSY,90DEG



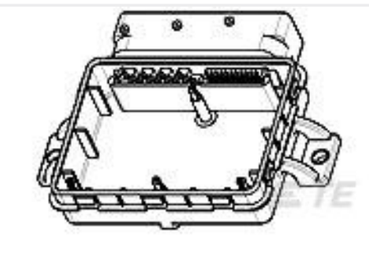
TE Part #2345284-1
2POS,MCON 1.2,REC HSG ASSY,SLD, COD A



TE Part #2389701-1
40POS,TAB0.5X0.4,HDR ASSY,90DEG, COD A



TE Part #2389701-2
40POS,TAB0.5X0.4,HDR ASSY,90DEG, COD B



TE Part #1418999-1
EPB HSG



TE Part #2400242-1
CSJ18 180DEG USW,TERMINAL ASS



TE Part #2400922-2
STEEL,INNER FERRULE



TE Part #2403323-1
2POS,PCON18,REC OUTER HSG ASSY,180,A,W

Documents

CAD Files

3D PDF

3D

Customer View Model
ENG_CVM_CVM_2325102-1_A.2d_dxf.zip

English

Customer View Model
ENG_CVM_CVM_2325102-1_A.3d_igs.zip

English

Customer View Model
ENG_CVM_CVM_2325102-1_A.3d_stp.zip

English

By downloading the CAD file I accept and agree to the Terms and Conditions of use.

Product Specifications

Application Specification

English