2138731-2 ✔ ACTIVE

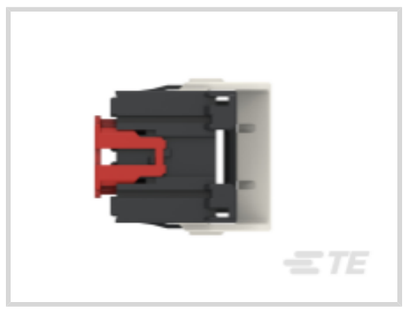
AMP | 1.5/2.8 Connector System

TE Internal #: 2138731-2

12 V, 36 Position, Automotive Housing for Female Terminals, Wire-to-Board, 3.5 mm [.13 in] Centerline, Black, Wire & Cable, 1.5/2.8 Connector System

View on TE.com >

Automotive Parts > Automotive Connectors > Automotive Housings




Nominal Voltage Architecture: **12 V**

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

Number of Positions: **36**

Sealable: **No**

Number of Rows: **4**

Features

Product Type Features

Mixed & Hybrid Connector	Yes
Connector Shape	Rectangular
Connector & Housing Type	Housing for Female Terminals
Sealable	No
Primary Locking Feature	Integrated in Housing
Connector System	Wire-to-Board
Connector & Contact Terminates To	Wire & Cable

Configuration Features

Number of Positions	36
Number of Rows	4

Electrical Characteristics

Nominal Voltage Architecture	12 V

Body Features

Cable Exit Angle	90 °

Primary Product Color	Black
Connector & Keying Code	B

Contact Features

Contact Size	1.5mm, 2.8mm, 6.3mm
Contact Type	Receptacle
Mating Tab Width	1.5 mm, 2.8 mm, 6.3 mm[.059 in][.11 in][.248 in]

Mechanical Attachment

Strain Relief	Add By Accessory
Terminal Position Assurance	Yes
Mating Alignment Type	Polarization
Mating Alignment	With
Connector Mounting Type	Cable Mount (Free-Hanging)

Housing Features

Housing Material	PA 66 GF35
Centerline (Pitch)	3.5 mm[.13 in]

Dimensions

Row-to-Row Spacing	6.55 mm[.26 in]
Product Width	44.9 mm[1.76 in]
Product Length	62.2 mm[2.44 in]
Connector Height	40 mm[1.57 in]

Operation/Application

Circuit Application	Power & Signal

Packaging Features

Packaging Quantity	24
Packaging Method	Package

Other

Serviceable	Yes
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	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	Low Halogen - Br, Cl, F < 900 ppm per homogenous material. Also BFR/CFR/PVC Free
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 # 2098624-1
36P UNSEALED HYBRID LEVER



TE Part # 2098623-2
36P (20X 1.5, 10X 2.8, 6X 6.3)

Also in the Series | 1.5/2.8 Connector System



Automotive Headers(1)



Automotive Housings(103)



Automotive Signal & Power Connector Housings(94)



Insertion & Extraction Tools(1)

Customers Also Bought



TE Part #EH9009-000
ES2000-NO.0-O9-0-65MM



TE Part #829131P051
ES2000-NO.1-C1-0-40MM



TE Part #NB07846001
HTAT-32/8-0-76MM



TE Part #D28653-000
ES2000-NO.4-B7-0-55MM



TE Part #3-1534904-2
CONNECTOR HSG 94 POS.



TE Part #2035366-1
Backshell,AS16,2P,90deg,NC08,LP,Plug



TE Part #2302492-3
AS16,PLUG BACKSHELL KIT,RA,04P, NC12



TE Part #2302493-2
AS16,PLUG BACKSHELL KIT,RA,06P, NC16



TE Part #2302493-3
AS16,PLUG BACKSHELL KIT,RA,06P, NC12



TE Part #063725P074
ES2000-NO.2-B9-0-43MM

Documents

Product Drawings

36P UNSEALED HYBRID PLUG ASSEM

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_2138731-2_A.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_2138731-2_A.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_2138731-2_A.3d_stp.zip

English

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

Instruction Sheets

Instruction Sheet (U.S.)

English