

1-368376-1 ✓ ACTIVE

Ele Control Unit Connectors

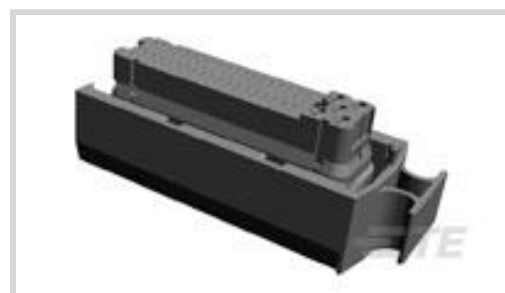
TE Internal #: 1-368376-1

Housing for Female Terminals, Wire-to-Board, 81 Position, .1 in / .228 in [5.8 mm / 2.54 mm] Centerline, Sealable, Black, Ele Control Unit Connectors

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Connectors > Automotive Connectors > Automotive Housings



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

Mating Tab Width: **.63 mm, 2.8 mm [.025 in, .11 in]**

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

Number of Positions: **81**

Centerline (Pitch): **2.54 mm, 5.8 mm [.1 in, .228 in]**

Features

Product Type Features

Connector Shape	Rectangular
Connector & Housing Type	Housing for Female Terminals
Connector System	Wire-to-Board
Sealable	Yes
Hybrid Connector	Yes
Primary Locking Feature	Integrated in Housing

Configuration Features

Number of Positions	81
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Electrical Characteristics

Operating Voltage	6 VDC
Nominal Voltage Architecture	6 V, 18 V

Body Features

Cable Exit Angle	180°
Primary Product Color	Black
Connector Code	B

Contact Features

Contact Size	.63mm, 2.8mm
Contact Type	Receptacle



Mating Tab Width	.63 mm, 2.8 mm [.025 in][.11 in]
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Mechanical Attachment

Terminal Position Assurance	Yes
Strain Relief	Without
Mating Alignment Type	Keyed
Mating Alignment	With
Connector Mounting Type	Cable Mount (Free-Hanging)

Housing Features

Housing Material	PA GF
Centerline (Pitch)	2.54 mm, 5.8 mm [.1 in][.228 in]

Dimensions

Connector Height	33.4 mm [1.31 in]
Product Width	31 mm [1.22 in]
Product Length	89.4 mm [3.51 in]
Row-to-Row Spacing	2.54 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	Signal
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Packaging Features

Packaging Quantity	33
Packaging Method	Tray

Other

Serviceable	No
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 2022 (224)

Candidate List Declared Against: JUNE 2022 (224)

Does not contain REACH SVHC

Halogen Content

Low Halogen - Br, Cl, F, I < 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 # 963293-1
SEALING F JPT+2,8



TE Part # 828905-1
SINGLE-WIRE-SEAL(5MM HOLE)



TE Part # 936054-1
CAVITY PLUG(ECU 40P&81P ASSY)

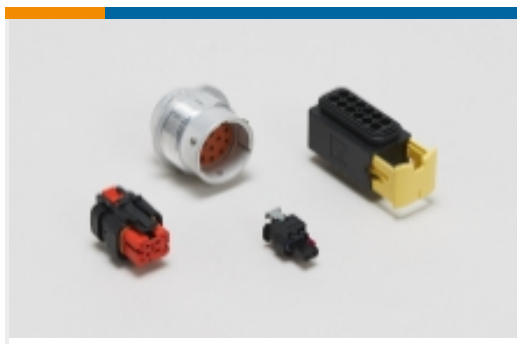


TE Part # CAT-T4827-T273
TIMER, RECEPTACLE AND TAB



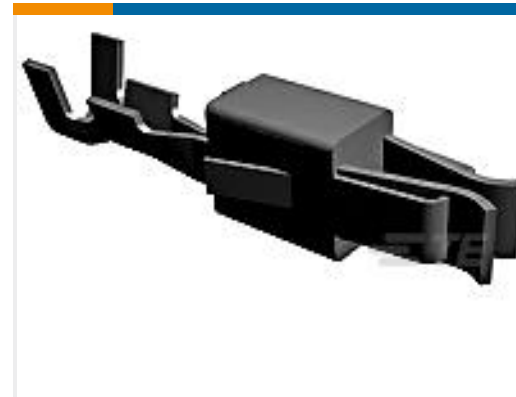
TE Part # 1746979-1
ECU 121P HDR ASSY-PBT

Also in the Series | **Ele Control Unit Connectors**



Automotive Housings(6)

Customers Also Bought

TE Part #776488-3
AMPSEAL 16 HousingsTE Part #1-968636-2
MQS, CONNECTOR HOUSINGTE Part #927771-9
JPT REC 2.8 Contact SRC AuTE Part #1-1703494-2
MCON, CONNECTOR HOUSINGTE Part #E05774-000
VERSAFIT-1/4-0-25MMTE Part #3-1904131-0
V23134B4052X546-EV-CBOX

Documents

Product Drawings

[81P REC HSG ASSY\(SIEMENS\)BLK-B](#)

English

CAD Files

[3D PDF](#)

English

Customer View Model

[ENG_CVM_1-368376-1_G.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_1-368376-1_G.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_1-368376-1_G.3d_stp.zip](#)

English

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Product Specifications

ECU 121P CONNECTOR

English

Product Specification

English