2098627-1 ✔ ACTIVE

1.5/2.8 Connector System

TE Internal #: 2098627-1

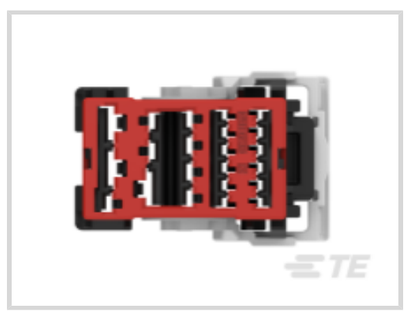
Housing for Female Terminals, Wire-to-Board / Wire-to-Device, 22 Position, 1.5/2.8 Connector System

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Connectors > Automotive Connectors > Automotive Housings







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

Number of Positions: **22**

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

Centerline (Pitch): **3.5 mm, 5.3 mm, 9 mm [.138 in, .208 in, .354 in]**

Sealable: **No**

Features

Product Type Features

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

Configuration Features

Number of Positions	22
Number of Rows	2, 3

Body Features

Cable Exit Angle	90°
Primary Product Color	Black

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

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

Housing Features

Housing Material	PA GF
Centerline (Pitch)	3.5 mm, 5.3 mm, 9 mm[.138 in][.208 in][.354 in]

Dimensions

Connector Height	34.8 mm[1.37 in]
Product Width	41 mm[1.614 in]
Product Length	50.6 mm[1.992 in]
Row-to-Row Spacing	6 mm[.236 in]

Usage Conditions

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

Operation/Application

Circuit Application	Power & Signal

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	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	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 # 2098628-1
22P UNSEALED HYBRID WIRE DRESS

Also in the Series | 1.5/2.8 Connector System



Automotive Connector Caps & Covers (4)



Automotive Housings(27)



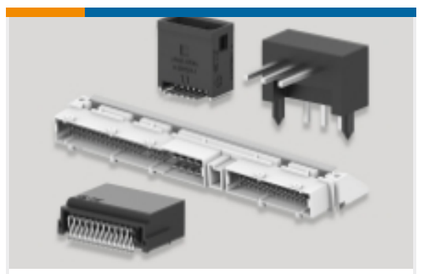
Automotive Terminals(50)



Insertion & Extraction Tools(1)



Other Automotive Connector Accessories(1)

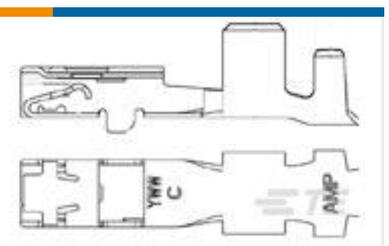


PCB Headers & Receptacles(1)

Customers Also Bought



TE Part #3371890007
ES-CAP-NO.1-C1-0-50MM



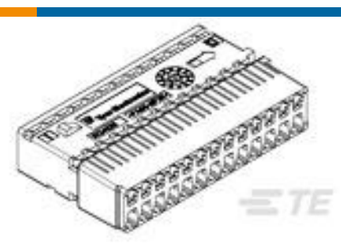
TE Part #1326030-8
2.8MM RECP,UNSEAL,10-12AWG,REV



TE Part #2138731-1
36P UNSEALED HYBRID PLUG ASSEM



TE Part #2098660-1
32P Shield, GY HandMate



TE Part #1924136-1
Carrier, 26P Generation Y, 52P Conn



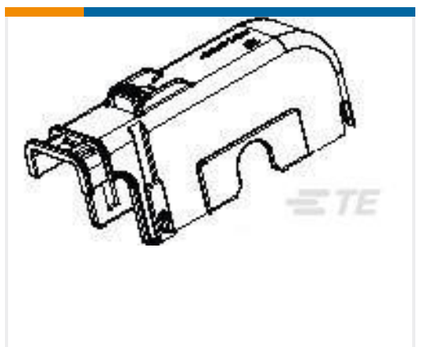
TE Part #2035360-1
1X4 GENERATION Y ASSY KEY A



TE Part #2141969-1
COVER, WITH LEVER,ASSY



TE Part #2208798-6
6POS,0.64 GENER. Y,REC HSG,ASSY



TE Part #2098811-1
38 Way ABS Connector Wire Dress Cover

TE Part #1438521-1
FEMALE ASSEMBLY, 60 WAY, GET, TCM CONNEC

Documents

Product Drawings

22P UNSEALED HYBRID PLUG ASSEM

English

CAD Files

Customer View Model

ENG_CVM_CVM_2098627-1_A.2d_dxf.zip

English

3D PDF

3D

Customer View Model

ENG_CVM_CVM_2098627-1_A.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_2098627-1_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

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Global Electronic Components Distributor

Click to view pricing, inventory, delivery, and lifecycle information:

TE Connectivity:

ROX05SJ18R 2310537-1 2377783-2 175977-2 1903112-2 CRGCQ2010J3K3 RH73H2A40MKTN 3430B2F51RTDF 917696-1 936348-1 SBCHE154R7K SBCHE64R7K 2380312-2 CPF0402B37K4E1 SMW73R0JT TE50BR39J 2834055-1 650075-000 1-794222-0 141991-2 3631B101LL 1-962915-1 1393431-1 1743455-2 1969656-1 2-292161-3 2005330-1 3-1393225-0 MPT100C18RF U5254-000005-030PA