3-2098269-1 ✔ ACTIVE

Generation Y Connector System

TE Internal #: 3-2098269-1

Housing for Female Terminals, Wire-to-Board / Wire-to-Device / Wire-to-Wire, 10 Position, 2.54 mm [.1 in] Centerline, Generation Y Connector System

View on TE.com >

Connectors > Automotive Connectors > Automotive Housings



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

Number of Positions: **10**

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

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

Sealable: **Yes**

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	Integrated in Housing

Configuration Features

Number of Positions	10
Number of Rows	2

Body Features

Cable Exit Angle	180°
Primary Product Color	Black
Connector & Keying Code	A

Contact Features

Contact Size	.64mm
Contact Type	Receptacle
Mating Tab Width	.64 mm[.025 in]

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	PBT GF
Centerline (Pitch)	2.54 mm[.1 in]

Dimensions

Connector Height	31 mm[1.22 in]
Product Width	26 mm[1.024 in]
Product Length	25.3 mm[.996 in]
Row-to-Row Spacing	2.54 mm[.1 in]

Usage Conditions

Operating Temperature (Max)	70 °C, 75 °C, 80 °C, 85 °C, 90 °C, 100 °C, 105 °C, 110 °C, 120 °C, 125 °C[158 °F][167 °F][176 °F][185 °F][194 °F][212 °F][221 °F][230 °F][248 °F][257 °F]
Operating Temperature Range	-40 – 125 °C[-40 – 257 °F]

Operation/Application

Circuit Application	Signal

Packaging Features

Packaging Quantity	600
Packaging Method	Package

Other

Serviceable	Yes
Connector Position Assurance Capable	Yes

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) SVHC > Threshold: Octamethylcyclotetrasiloxane (D4) (.5% in Component Part) Dodecamethylcyclohexasiloxane (D6) (.5% in Component Part) Decamethylcyclopentasiloxane (D5) (.5% in Component Part) **Article Safe Usage Statements:** Wash thoroughly after handling. Recycle if possible and dispose of the article by following all applicable governmental regulations relevant to your geographic location.
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 # 2035170-1
CONTACT,FEMALE, 0.64, 20-22, C

Also in the Series | Generation Y Connector System



Automotive Connector Caps & Covers (21)



Automotive Housings(157)



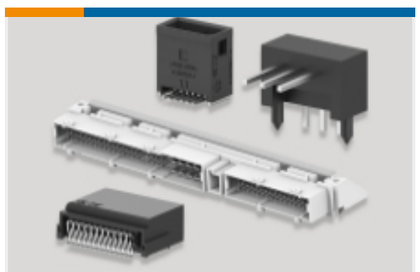
Automotive Terminals(46)



Connector Seals & Cavity Plugs(6)



Insertion & Extraction Tools(1)



PCB Headers & Receptacles(19)

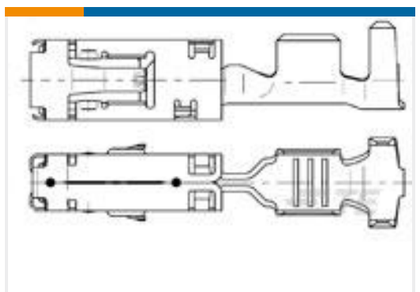
Customers Also Bought



TE Part #1-1437012-0
609-003=HDW IDC JCKSOCKET ASSY



TE Part #2208340-1
14POS,NANOMQS,REC HSG,CODA



TE Part #967541-1
2.8MM SENS FLA-KONT



TE Part #1-969489-4
6POS MQS REC COD A



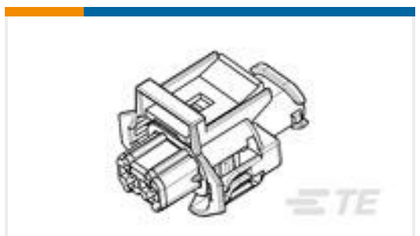
TE Part #1-1438153-6
1 x 6 USCAR Sealed Market Conn



TE Part #2103414-1
SHIPPING CAP TYPE 1, PLUG, HVA280



TE Part #2387380-1
Lidar Plug, Matenet+Power+signal, cod A



TE Part #936059-2
2.8MM SLD 2P PLUG ASSY



TE Part #1-1534121-2
MQS ABDECKKAP6P,BR



TE Part #2322346-1
8POS,MQS,REC HSG,UNSLD

Documents

Product Drawings

10P Plug Assembly (2x5), Gener

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_3-2098269-1_B.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_3-2098269-1_B.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_3-2098269-1_B.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

Unikeyic Electronics

Global Electronic Components Distributor

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

TE Connectivity:

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