2138558-1 ✔ ACTIVE

Generation Y Connector System

TE Internal #: 2138558-1

Housing for Male Terminals, Wire-to-Wire, 2 Position, 2.54 mm [.1 in] Centerline, Black, Signal, Generation Y Connector System

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Connectors > Automotive Connectors > Automotive Housings







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

Number of Positions: **2**

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

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

Sealable: **No**

Features

Product Type Features

Mixed & Hybrid Connector	No
Connector Shape	Rectangular
Connector System	Wire-to-Wire
Connector & Housing Type	Housing for Male Terminals
Sealable	No
Primary Locking Feature	Integrated in Housing

Configuration Features

Number of Positions	2
Number of Rows	1

Body Features

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

Contact Features

Contact Size	.64mm
Contact Type	Tab
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	12.97 mm[.511 in]
Product Width	9.45 mm[.372 in]
Product Length	31.75 mm[1.25 in]

Usage Conditions

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

Operation/Application

Circuit Application	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 # 2138557-1
2P GENERATION Y Plug, Single-P



TE Part # CAT-N57-GYTH68
Generation Y Terminals, 68POS Hybrid



TE Part # 1924968-8
CONTACT, MALE 0.64, 0.35SQMM



TE Part # 1924968-5
CONTACT, MALE 0.64, .13SQMM



TE Part # 1924968-6
CONTACT, MALE 0.64, 0.35SQMM



TE Part # 1924968-7
CONTACT, MALE 0.64, .13SQMM

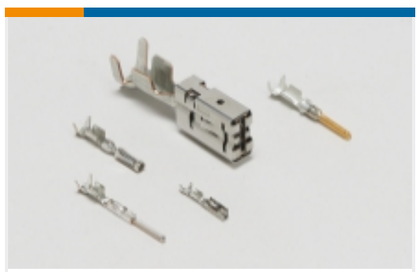
Also in the Series | Generation Y Connector System



Automotive Connector Caps & Covers (21)



Automotive Housings(157)



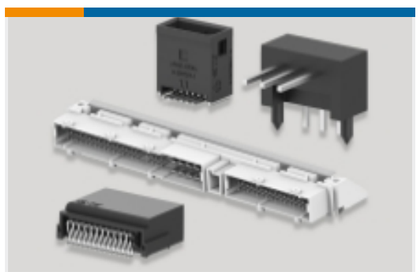
Automotive Terminals(46)



Connector Seals & Cavity Plugs(6)



Insertion & Extraction Tools(1)



PCB Headers & Receptacles(19)

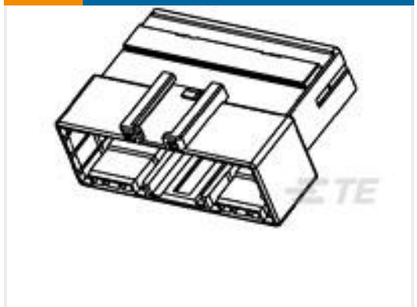
Customers Also Bought



TE Part #211123-000
FLHTC0311-14-9



TE Part #1924968-2
Contact, male 0.64, 18 AWG



TE Part #936271-1
090III 6P(D) CAP ASSY



TE Part #1379658-3
TH/.025 CONNECTOR SYSTEM, HOUSING



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



TE Part #1418789-1
8POS MQS REC



TE Part #2035363-7
1X6 GENERATION Y ASSY KEY E



TE Part #2329531-3
20POS,TAB0.63X0.63,HDR ASSY, 90DEG,SLDR

TE Part #2330860-1
HSD-USB CABLE ASSY DACAR535

Documents

Product Drawings

2P GENERATION Y Cap, Single-Pi

English

CAD Files

Customer View Model

ENG_CVM_CVM_2138558-1_A.2d_dxf.zip

English

3D PDF

3D

Customer View Model

ENG_CVM_CVM_2138558-1_A.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_2138558-1_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

Unikeyic Electronics

Global Electronic Components Distributor

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

TE Connectivity:

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