Generation Y Connector System

TE Internal #: 2203535-1

4 Position Housing, Housing for Female Terminals, Wire-to-Board / Wire-to-Device / Wire-to-Wire, Generation Y Connector System

View on TE.com >

Connectors > Automotive Connectors > Automotive Housings

Number of Positions: **4**

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

Mating Tab Width: **.64 mm [.025 in]**

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

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

Features

Dimensions

Product Width	16.02 mm[.631 in]
Product Length	34.35 mm[1.352 in]
Connector Height	13.08 mm[.515 in]

Mechanical Attachment

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

Other

Serviceable	Yes
Connector Position Assurance Capable	No
EU RoHS Compliance	Compliant
EU ELV Compliance	Compliant

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Body Features

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

Housing Features

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

Contact Features

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

Product Type Features

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

Configuration Features

Number of Positions	4
Number of Rows	1

Usage Conditions

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

Operation/Application

Circuit Application	Signal

Product Compliance

For compliance documentation, visit the product page on TE.com>

EU RoHS Directive 2011/65/EU	Compliant

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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 # 1924968-6
CONTACT, MALE 0.64, 0.35SQMM

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

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

TE Part # 2035360-2
1X4 GENERATION Y ASSY KEYA CPA

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

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

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

Also in the Series | Generation Y Connector System

4 Position Housing, Housing for Female Terminals, Wire-to-Board / Wire-to-Device / Wire-to-Wire, Generation Y Connector System
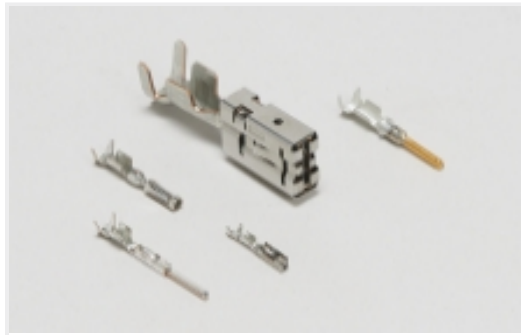
Automotive Connector Caps & Covers (19)

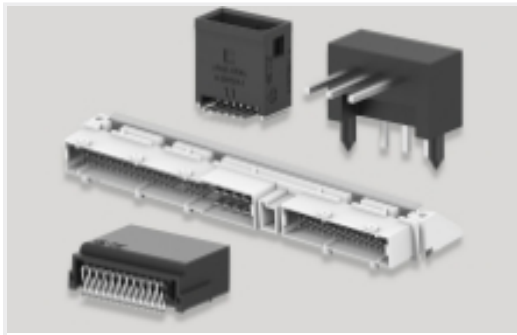Automotive Headers(16)

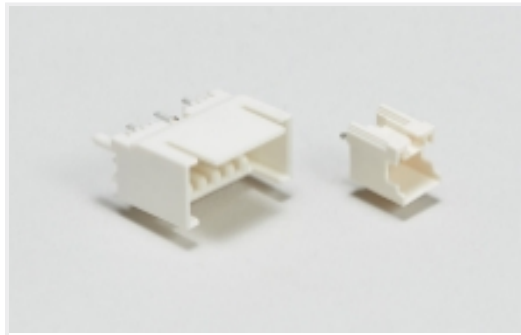Automotive Housings(146)

Automotive Terminals(44)

Connector Seals & Cavity Plugs(6)

Insertion & Extraction Tools(1)

PCB Headers & Receptacles(16)

Wire-to-Board Headers & Receptacles (15)

Customers Also Bought

TE Part #2298116-1
MATE-AX, Socket outer contact, RTK 031

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

TE Part #2-528041-4
DIE SET, HVA 280 - 3PM HEX 9.3

TE Part #2298121-1
MATE-AX, Socket center contact, RTK 031

TE Part #2302452-2
MATENET,FIXATION ELEMENT
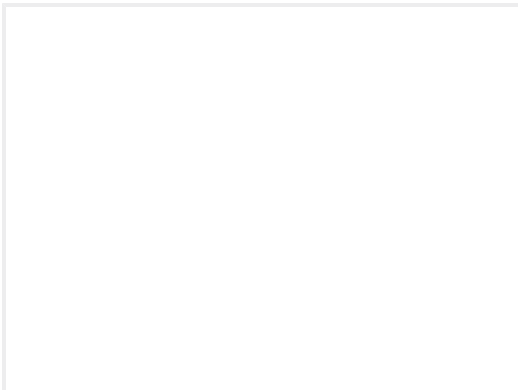
TE Part #2302510-1
1-PORT MATENET FRAME,STP, COD A

TE Part #2302461-1
MATENET INLINE COUPLER, ASSY, COD A

TE Part #1-528041-3
DIE SET SHIELD CRIMP HVP800 90DEG.35SQMM

TE Part #2278526-1
10POS,AMP MCP1.5K,REC HSG,ASSY

TE Part #1563935-1

Documents

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Product Drawings

1X4 GENERATION Y WITH GET INTERFACE

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_2203535-1_C.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_2203535-1_C.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_2203535-1_C.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