

2141995-1 ✓ ACTIVE

## Generation Y Connector System

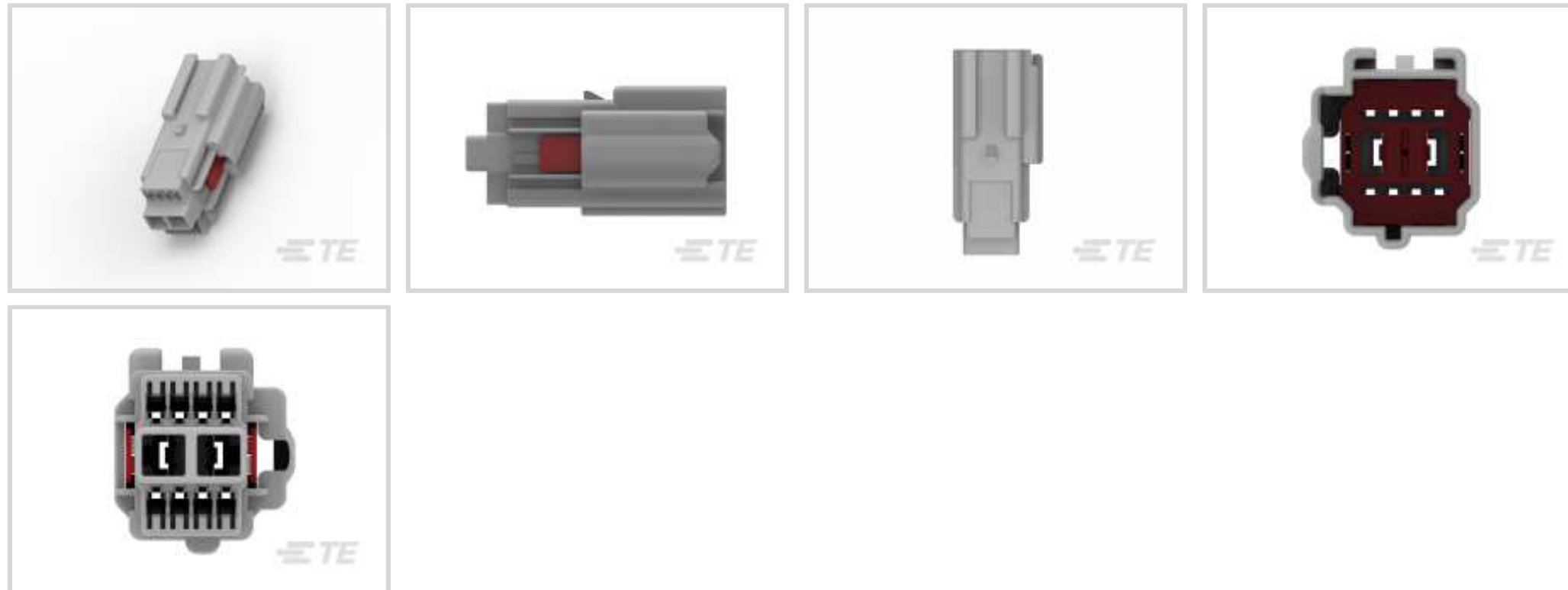
TE Internal #: 2141995-1

Housing for Male Terminals, Wire-to-Wire, 10 Position, .1 in / .236 in  
[6 mm / 2.54 mm] Centerline, Gray, Wire & Cable, Generation Y  
Connector System

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Connectors > Automotive Connectors > Automotive Housings



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

Mating Tab Width: **.64 mm, 2.8 mm [ .025 in, .11 in ]**

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

Number of Positions: **10**

Centerline (Pitch): **2.54 mm, 6 mm [ .1 in, .236 in ]**

### Features

#### Product Type Features

Connector Shape	Rectangular
Connector & Housing Type	Housing for Male Terminals
Connector System	Wire-to-Wire
Sealable	No
Hybrid Connector	Yes
Primary Locking Feature	On the Terminal
Connector & Contact Terminates To	Wire & Cable

#### Configuration Features

Number of Positions	10
Number of Rows	3

#### Electrical Characteristics

Operating Voltage	14 VDC
Nominal Voltage Architecture	12 V

#### Body Features



Cable Exit Angle	180°
Primary Product Color	Gray
Connector & Keying Code	B

#### Contact Features

Contact Size	.64mm, 2.8mm
Contact Type	Tab
Mating Tab Width	.64 mm, 2.8 mm [.025 in][.11 in]
Contact Current Rating (Max)	7.5 A, 30 A

#### 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, 6 mm [.1 in][.236 in]

#### Dimensions

Connector Height	20.9 mm [.823 in]
Product Width	44.9 mm [1.768 in]
Row-to-Row Spacing	5.9 mm [.232 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	Power & Signal
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#### Packaging Features

Packaging Quantity	1200
Packaging Method	Box

#### 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 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 reviewed 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

 <p>TE Part # CAT-N57-GYTH68 Generation Y Terminals, 68POS Hybrid</p>	 <p>TE Part # 1924968-5 CONTACT, MALE 0.64, .13SQMM</p>	 <p>TE Part # 2177000-1 10POS,0.64 GENER. Y,REC HSG,ASSY</p>
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### Also in the Series | [Generation Y Connector System](#)



Automotive Connector Caps & Covers (16)



Automotive Housings(153)



Automotive Terminals(39)



Insertion & Extraction Tools(1)



PCB Headers & Receptacles(15)

## Customers Also Bought



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



TE Part #2098407-1  
GET .64 CONNECTOR SYSTEM,  
CONNECTOR HSG



TE Part #1924879-2  
GET, FEM TERM, AG, THIN, B-CRI



TE Part #2035363-1  
1X6 GENERATION Y ASSY KEY B



TE Part #1924340-1  
36P, 2 Row Carrier for 54P LAC



TE Part #2288274-1  
24P HYBRID 0.64/2.8 PLUG ASSY, A  
KEY



TE Part #1-2208021-1  
22POS,0.64 GENER. Y,REC HSG,ASSY



TE Part #2098583-2  
Contact, 50 Series, fem, 0.35-



TE Part #2288274-2  
24P HYBRID 0.64/2.8 PLUG ASSY, B  
KEY

## Documents



### Product Drawings

[10POS,TAB 0.63X0.64,PIN HSG,ASSY](#)

English

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### CAD Files

[3D PDF](#)

3D

Customer View Model

[ENG\\_CVM\\_CVM\\_2141995-1\\_B\\_c-2141995-1-b.2d\\_dxf.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_2141995-1\\_B\\_c-2141995-1-b.3d\\_igs.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_2141995-1\\_B\\_c-2141995-1-b.3d\\_stp.zip](#)

English

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### Product Specifications

[Application Specification](#)

English