

2287277-1 ✓ ACTIVE

## Generation Y Connector System

TE Internal #: 2287277-1

Housing for Female Terminals, Wire-to-Board, 50 Position, .1 in / .

137 in [3.5 mm / 2.54 mm] Centerline, Black, Generation Y

Connector System

[View on TE.com >](#)



Connectors > Automotive Connectors > Connector Housings

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

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

Mating Pin Diameter: **.63 mm**

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

Number of Positions: **50**

### Features

#### Product Type Features

Connector & Housing Shape	Rectangular
Connector & Housing Type	Housing for Female Terminals
Connector System	Wire-to-Board
Sealable	No
Hybrid Connector	Yes
Primary Locking Feature	Integrated in Housing
Connector & Contact Terminates To	Printed Circuit Board

#### Configuration Features

Blank Cavity Position	0
Number of Positions	50
Number of Rows	4

#### Electrical Characteristics

Operating Voltage	12 VAC
Nominal Voltage Architecture	12 V

#### Body Features

Cable Exit Angle	90°
Body Material	PBT GF
Primary Product Color	Black
Connector Code	A



### Contact Features

Contact Size	.64mm, 1.5mm
Mating Tab Width	.64 mm[.025 in]
Mating Pin Diameter	.63 mm

### Mechanical Attachment

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

### Housing Features

Centerline (Pitch)	2.54 mm, 3.5 mm[.1 in][.137 in]
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### Dimensions

Product Width	62.7 mm[2.46 in]
Product Length	50.42 mm[1.98 in]
Product Height	32.25 mm[1.26 in]
Row-to-Row Spacing	2.54 mm

### Operation/Application

Circuit Application	Signal
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### Packaging Features

Packaging Quantity	120
Packaging Method	Package

### Other

Serviceable	No
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: JUL 2021 (219)  
 SVHC > Threshold:  
 Not Yet Reviewed

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



TE Part # 2035334-2  
CONTACT,FEMALE0.64, 18 AWG



TE Part # 2035334-4  
Contact,female0.64, 18 AWG



TE Part # 2035334-1  
CONTACT,FEMALE0.64, 20 TO 22 A



TE Part # 2035334-3  
CONTACT,FEMALE0.64, 20 TO 22 AWG



TE Part # 2035334-6  
CONTACT, FEMALE0.64 ,0.35SQMM

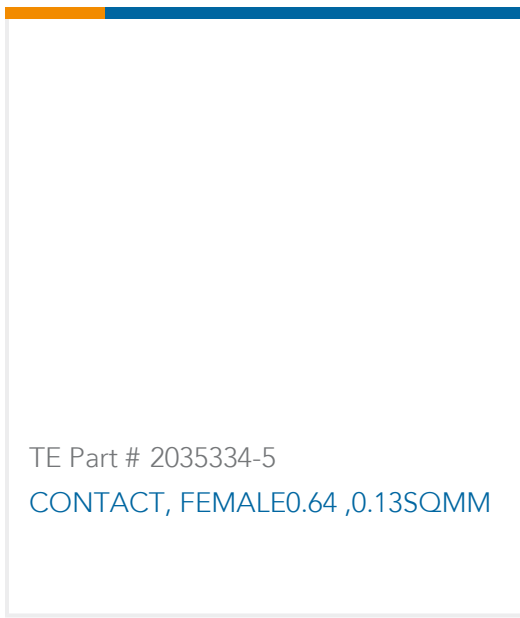


TE Part # 2035334-7  
Contact, female0.64 ,0.13sqmm,

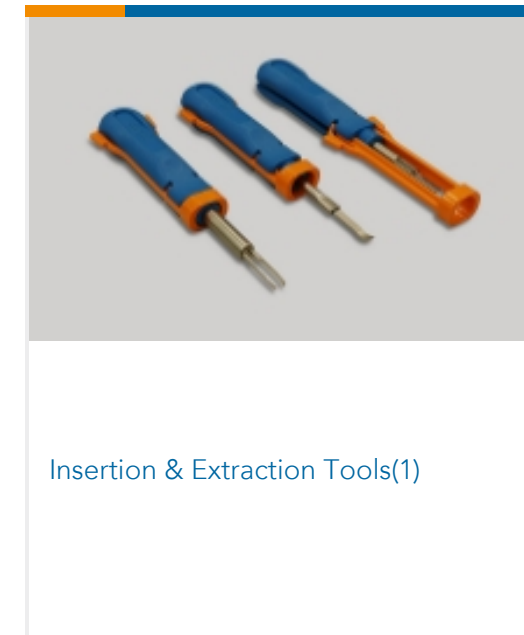
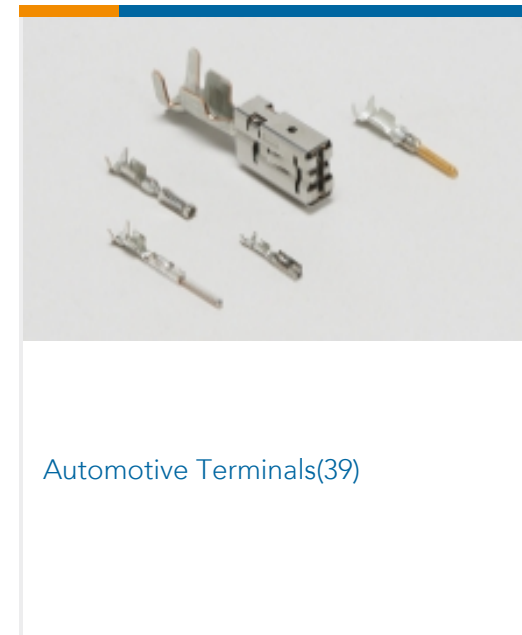
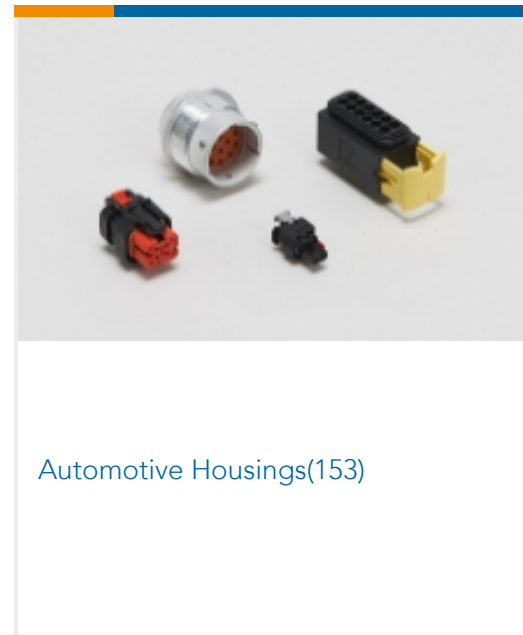
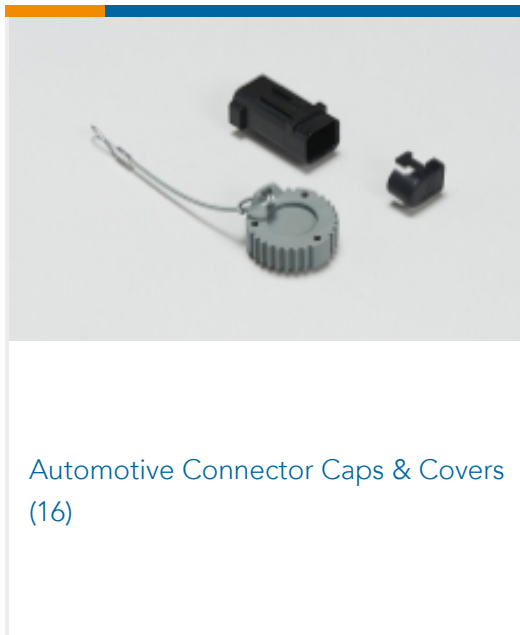


TE Part # 2035334-8  
CONTACT, FEMALE0.64 ,20.35SQMM

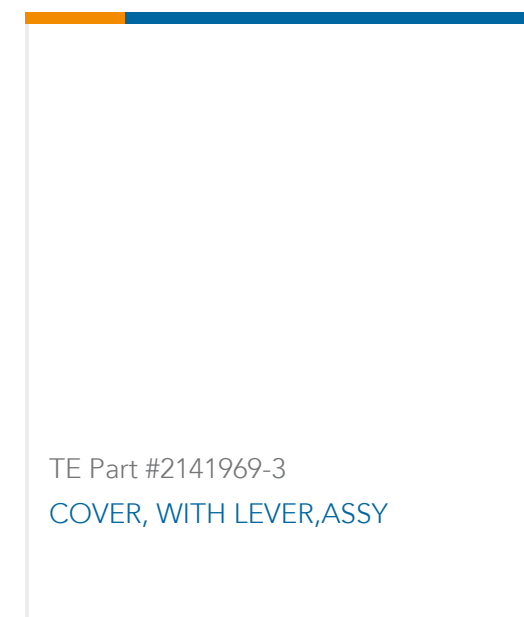
TE Part # 2287334-1  
PROTECTION CAP

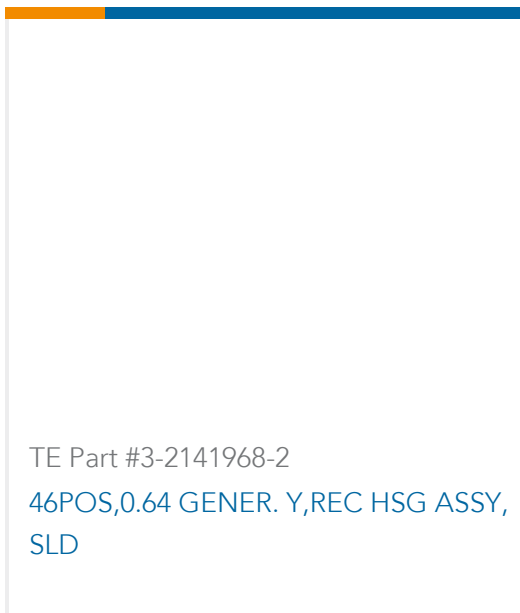


Also in the Series | Generation Y Connector System



Customers Also Bought





## Documents

### CAD Files

[3D PDF](#)

3D

Customer View Model

[ENG\\_CVM\\_CVM\\_2287277-1\\_A.2d\\_dxf.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_2287277-1\\_A.3d\\_igs.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_2287277-1\\_A.3d\\_stp.zip](#)

English

By downloading the CAD file I accept and agree to the [Terms and Conditions](#) of use.

### Product Specifications

[Product Specification](#)

English

### Product Environmental Compliance

[Product Compliance](#)

English

[Product Compliance](#)

English