

2098922-8 ✓ ACTIVE

## Generation Y Connector System

TE Internal #: 2098922-8

Housing for Female Terminals, Wire-to-Device / Wire-to-Board, 54 Position, .1 in [2.54 mm] Centerline, Sealable, Yellow, Generation Y Connector System

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Connectors > Automotive Connectors > Automotive Housings



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

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

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

Number of Positions: **54**

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

### Features

#### Product Type Features

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

#### Configuration Features

Number of Positions	54
Number of Rows	3

#### Body Features

Cable Exit Angle	90°
Primary Product Color	Yellow
Connector & Keying Code	E

#### Contact Features



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

### Mechanical Attachment

Terminal Position Assurance	Yes
Strain Relief	Add By Accessory
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[.1 in]

### Dimensions

Connector Height	39.45 mm[1.55 in]
Product Width	61.19 mm[2.41 in]
Product Length	67 mm[2.63 in]
Row-to-Row Spacing	6 mm[.236 in]

### Usage Conditions

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

### Operation/Application

Circuit Application	Signal
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### Industry Standards

Agency/Standard	GMW3191
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### Packaging Features

Packaging Quantity	24
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: JAN 2023 (233) 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 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

 <p>TE Part # 1456538-1 SEAL PLUG, MAT, GM SDM</p>	 <p>TE Part # 2035024-1 SDM,54P,Cover,Wire Dress Assy w/o Mark</p>	 <p>TE Part # 2035024-2 SDM,54P,Cover,Wire Dress Assy w /Mark</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 #DT04-2P  
REC, 2P, GRY, N



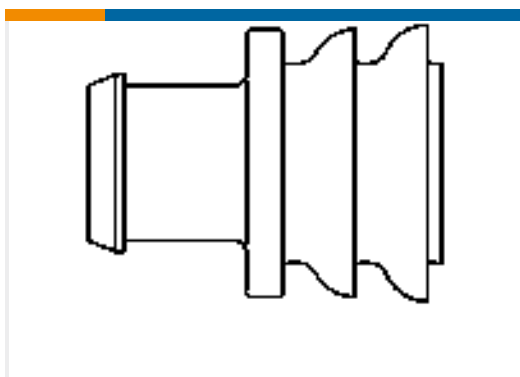
TE Part #W2S  
DEUTSCH DT Wedgelocks



TE Part #0460-202-16141  
DEUTSCH Solid Contacts



TE Part #282104-1  
AMP SUPERSEAL 1.5MM,  
CONNECTOR HOUSING



TE Part #281934-2  
SINGLE WIRE SEAL



TE Part #114017-ZZ  
SEALING PLUG, SIZE 12/16, WHT



TE Part #DT06-2S  
PLG, 2P, GRY, N

## Documents

### Product Drawings

SDM,54P PLUG ASY,UNIV,RHL,KEY E

English

### CAD Files

3D PDF

3D

Customer View Model

ENG\_CVM\_CVM\_2098922-8\_A.2d\_dxf.zip



English

Customer View Model

[ENG\\_CVM\\_CVM\\_2098922-8\\_A.3d\\_igs.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_2098922-8\\_A.3d\\_stp.zip](#)

English

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### Instruction Sheets

[Instruction Sheet \(U.S.\)](#)

English