



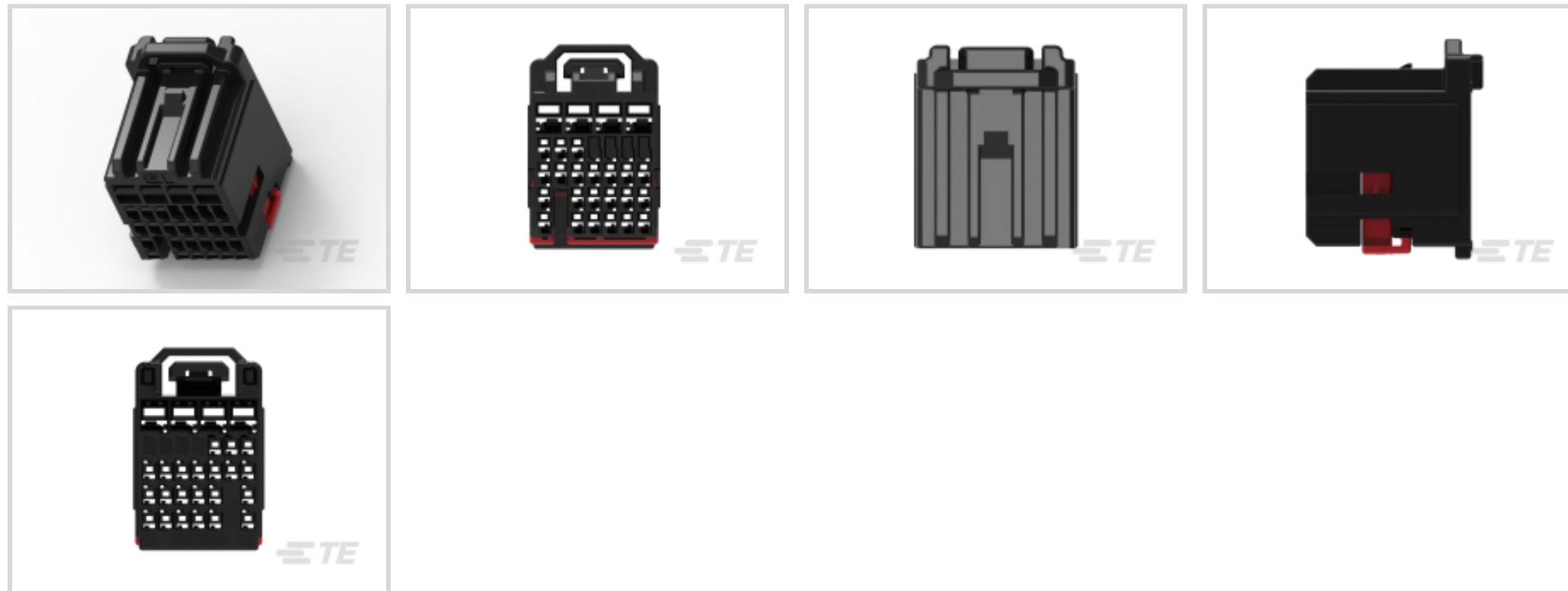
Generation Y Connector System

TE Internal #: 2098067-3

Housing for Female Terminals, Wire-to-Device / Wire-to-Board, 28 Position, 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, 2.8 mm [.025 in, .11 in]**

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

Number of Positions: **28**

Centerline (Pitch): **2.54 mm, 4.6 mm [.1 in, .181 in]**

Features

Product Type Features

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

Configuration Features

Blank Cavity Position	5, 6, 7, 8
Number of Positions	28
Number of Rows	5

Body Features

Cable Exit Angle	180°
Body Material	PBT GF
Primary Product Color	Black



Connector Code	U1
----------------	----

Contact Features

Contact Size	.64mm, 2.8mm
Contact Type	Receptacle
Mating Tab Width	.64 mm, 2.8 mm [.025 in][.11 in]

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, 4.6 mm [.1 in][.181 in]
--------------------	----------------------------------

Dimensions

Product Width	20.3 mm [.799 in]
Product Length	25.2 mm [.992 in]
Product Height	31.3 mm [1.232 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
---------------------	--------

Industry Standards

Agency/Standard	GMW191
-----------------	--------

Packaging Features

Packaging Quantity	1
Packaging Method	Package

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 applicable for solder process capability

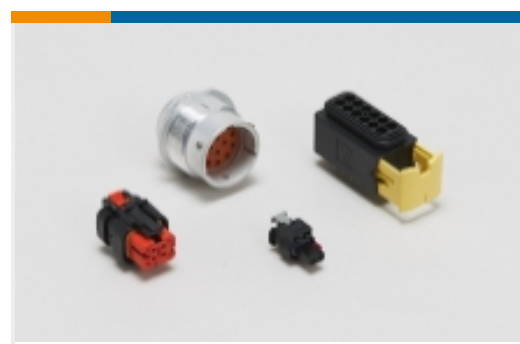
Product Compliance Disclaimer

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



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)

Documents

Product Drawings

[Plug Assembly, Hybrid, BCM, U1, C Key](#)

English

[Plug Assembly, Hybrid, BCM, U1, C Key](#)

English

CAD Files

[3D PDF](#)

3D

[Customer View Model](#)

[ENG_CVM_CVM_2098067-3_D_c-2098067-3-d.2d_dxf.zip](#)

English

[Customer View Model](#)

[ENG_CVM_CVM_2098067-3_D_c-2098067-3-d.3d_igs.zip](#)

English

[Customer View Model](#)

[ENG_CVM_CVM_2098067-3_D_c-2098067-3-d.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