2300979-2 ✔ ACTIVE

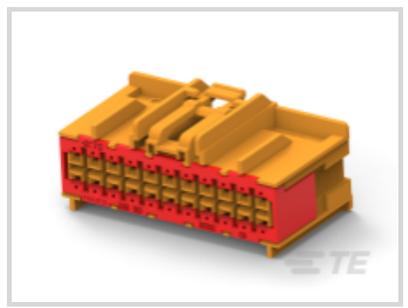
Generation Y Connector System

TE Internal #: 2300979-2

12 V, 22 Position, Automotive Housing for Female Terminals, Wire-to-Wire, 3.4 mm [.13 in] Centerline, Orange, Generation Y Connector System

View on TE.com >

Automotive Parts > Automotive Connectors > Automotive Housings







Nominal Voltage Architecture: **12 V**

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

Number of Positions: **22**

Sealable: **No**

Operating Temperature Range: **-40 – 105 °C [-40 – 221 °F]**

Features

Product Type Features

Mixed & Hybrid Connector	No
Connector Shape	Rectangular
Connector & Housing Type	Housing for Female Terminals
Sealable	No
Primary Locking Feature	Clean Body
Connector System	Wire-to-Wire
Connector & Contact Terminates To	Wire & Cable

Configuration Features

Blank Cavity Position	0
Number of Positions	22
Number of Rows	2

Electrical Characteristics

Nominal Voltage Architecture	12 V

Body Features

Cable Exit Angle	90 °, 180 °
Primary Product Color	Orange
Connector & Keying Code	B

Contact Features

Contact Size	.64mm
Contact Type	Receptacle
Mating Tab Width	.64 mm[.02 in]

Mechanical Attachment

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

Housing Features

Housing Material	PA 66 GF35
Centerline (Pitch)	3.4 mm[.13 in]

Dimensions

Row-to-Row Spacing	3.8 mm[.15 in]
Product Width	24.2 mm[.95 in]
Product Length	39.7 mm[1.56 in]
Connector Height	17.6 mm[.69 in]

Usage Conditions

Operating Temperature Range	-40 – 105 °C[-40 – 221 °F]
Operating Temperature (Max)	105 °C[221 °F]

Operation/Application

Circuit Application	Signal

Industry Standards

IP Rating	IP2XB
Compatible With Agency/Standards Products	SAE/USCAR-2
UL Flammability Rating	UL 94HB

Packaging Features

Packaging Quantity	330
Packaging Method	Box

Other

Serviceable	Yes
Connector Position Assurance Capable	No

Product Compliance

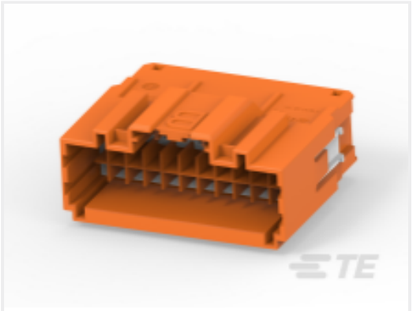
For compliance documentation, visit the product page on TE.com>

EU RoHS Directive 2011/65/EU	Compliant
EU ELV Directive 2000/53/EC	Compliant
China RoHS 2 Directive MIIT Order No 32, 2016	有害物质含量符合标准要求 No Restricted Substance(s) Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUNE 2025 (250) Candidate List Declared Against: JUNE 2025 (250) Does not contain REACH SVHC
Halogen Content	Low Halogen - Br, Cl, F < 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 # 2300962-2
22POS,0.64 GENER. Y,TAB HSG ASSY, COD B

Also in the Series | Generation Y Connector System



Automotive Housings(133)



Automotive Seals & Cavity Plugs(6)



Automotive Signal & Power Connector Housings(133)



Connector Seals & Cavity Plugs(6)

Customers Also Bought



TE Part #2236766-1
RESISTOR, 2K7, 1%



TE Part #2365215-1
CU ALLOY,OUTER FERRULE,HC-STAK 25,SIZE 3



TE Part #1-2840635-3
PLASTIC BUSHING,FERRULE SLEEVE, SIZE 3

TE Part #1-2339268-1
TPA REC HSG,1POS,PCON21

TE Part #2339280-1
STRAIN RELIEF, AC

TE Part #2340323-1
COVER,COMBO GROUND PIN

TE Part #2840704-3
HOUSING ASSEMBLY, IEC TYPE II

TE Part #2840845-3
COVER,DC,COMBO, SEAL

TE Part #2840972-2
1POS,PCON21,REC HSG,90DEG, UNSLD,COD 2

TE Part #1-2840972-1
1POS,PCON21,REC HSG,90DEG, UNSLD,COD 1

Documents

Product Drawings

22POS,0.64 GENER. Y,REC HSG ASSY,COD B

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_2300979-2_A.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_2300979-2_A.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_2300979-2_A.3d_stp.zip

English

By downloading the CAD file I accept and agree to the Terms and Conditions of use.

Product Specifications

Application Specification

English