



Generation Y Connector System

TE Internal #: 2098634-1
20 Position Housing, Housing for Female Terminals, Wire-to-Board / Wire-to-Device, 2.54 mm [.1 in] Centerline, Black, Generation Y Connector System

[View on TE.com >](#)

Connectors > Automotive Connectors > Automotive Housings



Number of Positions: 20
Connector & Housing Type: Housing for Female Terminals
Mating Tab Width: .64 mm [.025 in]
Connector System: Wire-to-Board, Wire-to-Device
Centerline (Pitch): 2.54 mm [.1 in]

Features

Product Type Features

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

Configuration Features

Number of Positions	20
Number of Rows	2

Body Features

Cable Exit Angle	180°
Primary Product Color	Black
Connector & Keying Code	A

Contact Features



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

Mechanical Attachment

Strain Relief	Add By Accessory
Terminal Position Assurance	Yes
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

Row-to-Row Spacing	6 mm[.236 in]
Product Width	7.8 mm[.307 in]
Product Length	27.18 mm[1.07 in]
Connector Height	16.5 mm[.65 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	Signal
---------------------	--------

Packaging Features

Packaging Method	Package
Packaging Quantity	50

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 2024 (241) Candidate List Declared Against: JUNE 2024 (241) 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 # 2098633-1 40P Shield Assy, GY LAC</p>	 <p>TE Part # 1924955-7 CONTACT,FEMALE0.64,0.13SQMM, UN</p>	 <p>TE Part # 1924955-2 CONTACT,FEMALE0.64,18AWG, UNSEALED</p>	 <p>TE Part # 1924955-5 CONTACT,FEMALE0.64,0.13SQMM, UN</p>
 <p>TE Part # 1924955-4 CONTACT,FEMALE0.64,18AWG, UNSEALED</p>	 <p>TE Part # 1924955-3 CONTACT,FEMALE0.64,20-22AWG, UNSEAL</p>	 <p>TE Part # 1924955-1 CONTACT,FEMALE0.64,20-22AWG, UNSEAL</p>	



Also in the Series | Generation Y Connector System

Automotive Connector Caps & Covers (19)	Automotive Headers(14)	Automotive Housings(140)	Automotive Terminals(43)
Connector Seals & Cavity Plugs(6)	PCB Headers & Receptacles(14)	Rectangular Power Connectors(2)	Wire-to-Board Headers & Receptacles (13)

Customers Also Bought

TE Part #CAT-G3353-CH8172 GET .64 CONNECTOR SYSTEM, CONNECTOR HSG	TE Part #2-1355132-1 COVER 94POS	TE Part #2378797-1 Shield, 26P GenY, Hand Mate Conn	TE Part #2293333-1 16POS,GEN 50,REC HSG,ASSY
TE Part #9-2141968-9 46POS, MIXED,REC HSG,ASSY, SEALED	TE Part #1924136-4 Carrier, 26P GenerationY, Hand Mate Conn	TE Part #2138731-1 36P UNSEALED HYBRID PLUG ASSEM	TE Part #1924337-1 Shield Assembly, 54 POSN, 0.64mm BLK
TE Part #2098216-1 32P Carrier, GY			



Documents

Product Drawings

Carrier, 20P, GY LAC, Black

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_2098634-1_A.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_2098634-1_A.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_2098634-1_A.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