2098216-1 ✔ ACTIVE

Generation Y | Generation Y Connector System

TE Internal #: 2098216-1

12 V, 32 Position, Automotive Housing for Female Terminals, Wire-to-Board / Wire-to-Device, 2.54 mm [.1 in] Centerline, Generation Y Connector System

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Automotive Parts > Automotive Connectors > Automotive Housings







Nominal Voltage Architecture: **12 V**

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

Number of Positions: **32**

Sealable: **No**

Operating Temperature Range: **-40 – 100 °C [-40 – 212 °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-Board, Wire-to-Device
Connector & Contact Terminates To	Wire & Cable

Configuration Features

Number of Positions	32
Number of Rows	2

Electrical Characteristics

Nominal Voltage Architecture	12 V

Body Features

Cable Exit Angle	180°

Primary Product Color	Black

Contact Features

Contact Size	.64mm
Contact Type	Receptacle
Mating Tab Width	.64 mm[.02 in]
Contact Current Rating (Max)	10.5 A

Mechanical Attachment

Strain Relief	Without
Terminal Position Assurance	No
Mating Alignment Type	Polarization
Mating Alignment	With
Connector Mounting Type	Cable Mount (Free-Hanging)

Housing Features

Housing Material	Nylon 6/6 GF35
Centerline (Pitch)	2.54 mm[.1 in]

Dimensions

Product Width	16.5 mm[.65 in]
Row-to-Row Spacing	2.54 mm[.1 in]
Product Length	43.4 mm[1.71 in]
Connector Height	7.9 mm[.31 in]

Usage Conditions

Operating Temperature Range	-40 – 100 °C[-40 – 212 °F]
Operating Temperature (Max)	100 °C[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 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



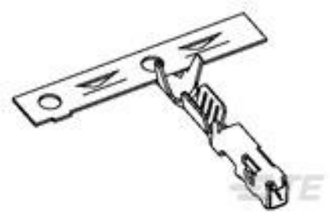
TE Part # 1924955-4
CONTACT,FEMALE0.64,18AWG, UNSEALED



TE Part # 2098660-3
32P Shield, GY HandMate



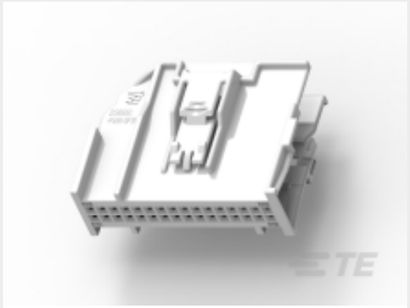
TE Part # 1924955-3
CONTACT,FEMALE0.64,20-22AWG, UNSEAL



TE Part # 1924955-1
CONTACT,FEMALE0.64,20-22AWG, UNSEAL



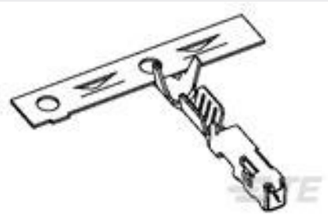
TE Part # 2098660-1
32P Shield, GY HandMate



TE Part # 2098660-2
32P Shield, GY HandMate



TE Part # 1924955-7
CONTACT,FEMALE0.64,0.13SQMM, UN



TE Part # 1924955-2
CONTACT,FEMALE0.64,18AWG, UNSEALED



TE Part # 1924955-5
CONTACT,FEMALE0.64,0.13SQMM, UN

Also in the Series | Generation Y Connector System



Automotive Housings(139)



Automotive Seals & Cavity Plugs(6)



Automotive Signal & Power Connector Housings(139)

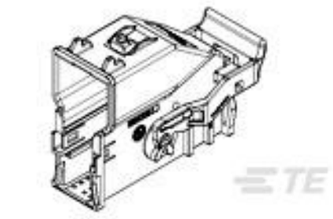
Customers Also Bought



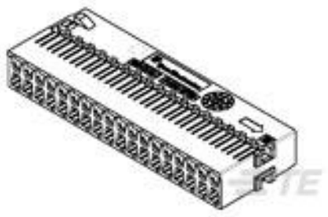
TE Part #CAT-G3353-CH8172
GET .64 CONNECTOR SYSTEM, CONNECTOR HSG



TE Part #1924136-4
Carrier, 26P GenerationY, Hand Mate Conn



TE Part #1924337-1
Shield Assembly, 54 POSN, 0.64mm BLK



TE Part #1924340-1
36P, 2 Row Carrier for 54P LAC



TE Part #1924879-2
GET, FEM TERM, AG, THIN, B-CRI



TE Part #1924900-1
Assy, Plug, 30p Hybrid Key A



TE Part #2035360-1
1X4 GENERATION Y ASSY KEY A



TE Part #2098583-2
Contact, 50 Series, fem, 0.35-



TE Part #2288276-1
Assy,Plug,USCAR,GenY,20p,Key A, No CPA

Documents

Product Drawings

32P Carrier, GY

English

CAD Files

Customer View Model

ENG_CVM_CVM_2098216-1_A.2d_dxf.zip

English

3D PDF

3D

Customer View Model

ENG_CVM_CVM_2098216-1_A.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_2098216-1_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