



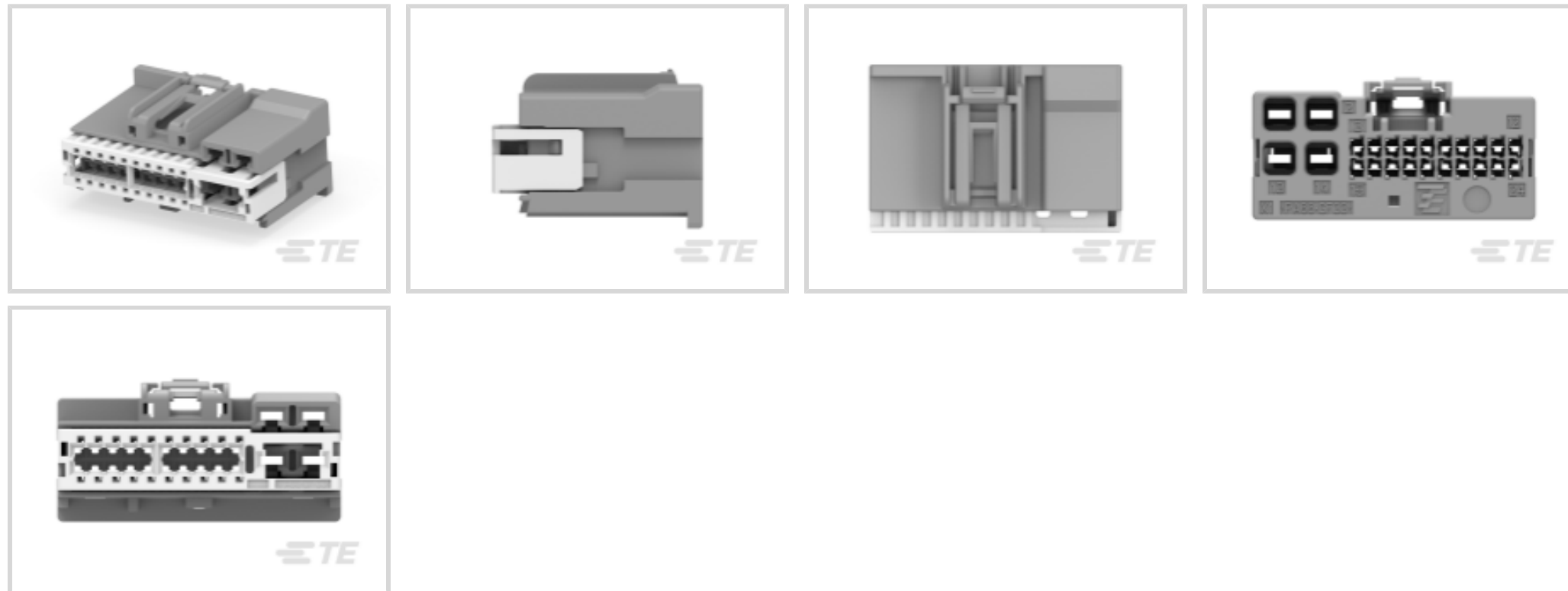
Generation Y Connector System

TE Internal #: 2288274-2

24 Position Housing, Housing for Female Terminals, Wire-to-Board / Wire-to-Device, Generation Y Connector System

[View on TE.com >](#)

Connectors > Automotive Connectors > Automotive Housings



Number of Positions: **24**

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

Mating Tab Width: **2.8 mm, .64 mm [.025 in, .11 in]**

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

Centerline (Pitch): **6.05 mm, 2.54 mm [.23 in, .1 in]**

Features

Industry Standards

Compatible With Agency/Standards Products	SAE/USCAR-2
---	-------------

Dimensions

Row-to-Row Spacing	6.41 mm, 2.54 mm[.1 in][.25 in]
Product Width	27.15 mm[1.06 in]
Product Length	40.86 mm[1.6 in]
Connector Height	20 mm[.78 in]

Packaging Features

Packaging Quantity	300
Packaging Method	Package

Mechanical Attachment

Strain Relief	Without
Terminal Position Assurance	Yes
Mating Alignment Type	Keyed
Mating Alignment	With



Connector Mounting Type	Cable Mount (Free-Hanging)
-------------------------	----------------------------

Other

Serviceable	Yes
Connector Position Assurance Capable	Yes
EU RoHS Compliance	Compliant
EU ELV Compliance	Compliant

Body Features

Cable Exit Angle	180°
Primary Product Color	Gray
Connector & Keying Code	B

Housing Features

Housing Material	PA GF
Centerline (Pitch)	6.05 mm, 2.54 mm [.23 in][.1 in]

Contact Features

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

Product Type Features

Mixed & Hybrid Connector	Yes
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
Connector & Contact Terminates To	Wire & Cable

Configuration Features

Number of Positions	24
Number of Rows	3

Operation/Application

Circuit Application	Signal
---------------------	--------

Product Compliance



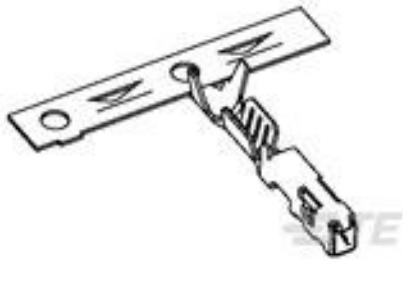

[For compliance documentation, visit the product page on TE.com>](#)

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: JAN 2024 (240) 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 # 1924955-1 CONTACT,FEMALE0.64,20-22AWG, UNSEAL</p>	 <p>TE Part # 1924955-7 CONTACT,FEMALE0.64,0.13SQMM, UN</p>	 <p>TE Part # CAT-HPCH5372 High Pin Count Header</p>	 <p>TE Part # 1924955-5 CONTACT,FEMALE0.64,0.13SQMM, UN</p>
 <p>TE Part # 1924955-2 CONTACT,FEMALE0.64,18AWG, UNSEALED</p>	 <p>TE Part # 2035334-2 CONTACT,FEMALE0.64, 18 AWG</p>	 <p>TE Part # 2035334-4 Contact,female0.64, 18 AWG</p>	 <p>TE Part # 2035334-3 CONTACT,FEMALE0.64, 20 TO 22 AWG</p>




TE Part # 2035334-7
Contact, female0.64 ,0.13sqmm,



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



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



TE Part # CAT-PFSMTH9264
Press-Fit & SMT Header




TE Part # 2035334-1
CONTACT,FEMALE0.64, 20 TO 22 A


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)



Insertion & Extraction Tools(1)



PCB Headers & Receptacles(14)



Wire-to-Board Headers & Receptacles
(13)

Customers Also Bought



TE Part #1924141-1
Shield, 26P GenY, Hand Mate Conn



TE Part #1-2035077-3
PLUG HSG, 4 POSN HYBRID 0.64/2



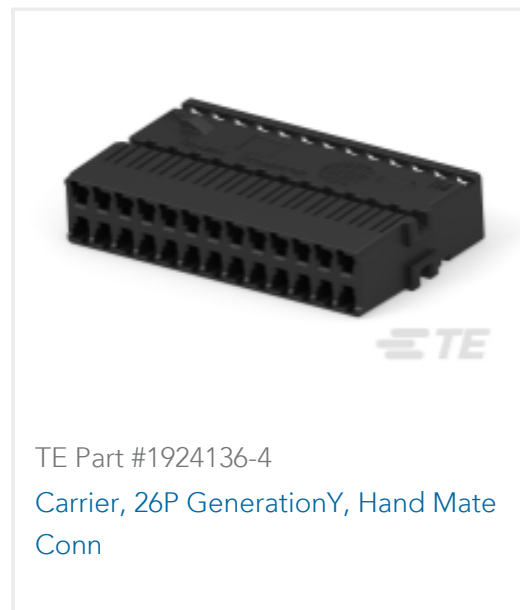
TE Part #2098660-1
32P Shield, GY HandMate



TE Part #2035363-7
1X6 GENERATION Y ASSY KEY E



TE Part #1924346-3
Shield Assy, 52P Generation Y, LAC, BF



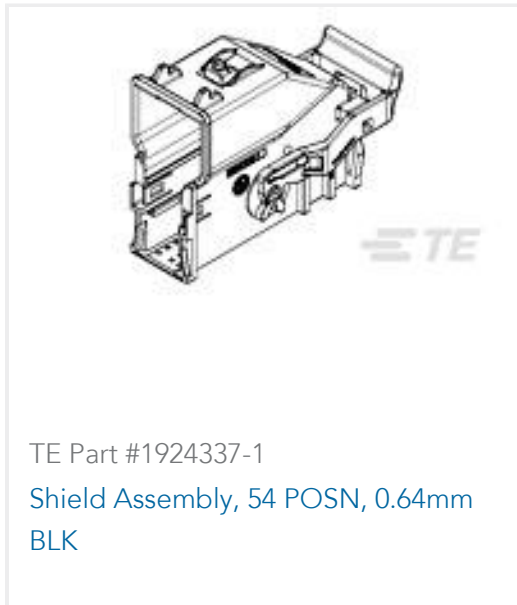
TE Part #1924136-4
Carrier, 26P GenerationY, Hand Mate Conn



TE Part #2272431-3
1X6 GET UNSLD SIDE LATCH PLUG, KEY C



TE Part #2203973-1
26P SEALED PLUG, ASSY, KEY A



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



TE Part #2288274-1
24P HYBRID 0.64/2.8 PLUG ASSY, A KEY

Documents

CAD Files

Customer View Model

[ENG_CVM_CVM_2288274-2_A1.3d_igs.zip](#)

English

3D PDF

3D

Customer View Model

[ENG_CVM_CVM_2288274-2_A1.3d_stp.zip](#)

English

Customer View Model

[ENG_CVM_CVM_2288274-2_A1.2d_dxf.zip](#)

English

By downloading the CAD file I accept and agree to the [Terms and Conditions](#) of use.

Product Specifications

Product Specification

English

Instruction Sheets

Instruction Sheet (U.S.)

English