

2288274-1 ✓ ACTIVE

Generation Y Connector System

TE Internal #: 2288274-1

Housing for Female Terminals, Wire-to-Board / Wire-to-Device, 24
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: **24**

Centerline (Pitch): **2.5 mm, 6.05 mm [.098 in, .238 in]**

Features

Product Type Features

Connector & Housing 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

Number of Positions	24
Number of Rows	2

Body Features

Cable Exit Angle	180°
Body Material	PA GF
Primary Product Color	Black
Connector Code	A



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)	2.5 mm, 6.05 mm [.098 in][.238 in]
--------------------	------------------------------------

Dimensions

Product Width	23.65 mm [.931 in]
Product Length	40.86 mm [1.608 in]
Product Height	20 mm [.787 in]
Row-to-Row Spacing	4.24 mm, 6.4 mm [.167 in][.252 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
---------------------	--------

Industry Standards

Agency/Standard	SAE/USCAR-2
-----------------	-------------

Packaging Features

Packaging Quantity	300
Packaging Method	Package

Other

Serviceable	Yes
-------------	-----



Connector Position Assurance Capable

Yes

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: JAN 2022 (223) Candidate List Declared Against: JAN 2022 (223) Does not contain REACH SVHC
Halogen Content	BFR/CFR/PVC Free, but Br/Cl >900 ppm in other sources.
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 # CAT-HPCH5372 HIGH PIN COUNT HEADER</p>	 <p>TE Part # CAT-PFSMTH9264 PRESS-FIT & SMT HEADER</p>	 <p>TE Part # 2035334-2 CONTACT,FEMALE0.64, 18 AWG</p>	 <p>TE Part # 1924955-2 CONTACT,FEMALE0.64,18AWG, UNSEALED</p>
---	---	---	---



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



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



TE Part # 2035334-4
Contact,female0.64, 18 AWG



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



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



TE Part # 2035334-3
CONTACT,FEMALE0.64, 20 TO 22
AWG



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




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




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

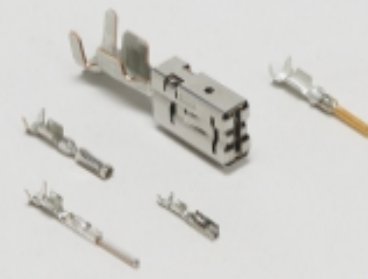
Also in the Series | Generation Y Connector System




Automotive Connector Caps & Covers
(16)



Automotive Housings(153)



Automotive Terminals(39)



Insertion & Extraction Tools(1)



PCB Headers & Receptacles(15)

Customers Also Bought



TE Part #1-1438608-1
2POS MQS REC SEALED COD A



TE Part #2138731-1
1.5/2.8 CONNECTOR SYSTEM,
HOUSING



TE Part #1924782-2
GET FEM TERM 1.2MM, TS, TIN
1MMSQ



TE Part #1326362-1
26WAY LAC "COMMON" SHIELD
ASMB



TE Part #2098634-1
Carrier, 20P, GY LAC, Black



TE Part #1-2287336-1
72POS,MIXED,REC HSG,ASSY



TE Part #1-2287336-2
72POS,MIXED,REC HSG,ASSY



TE Part #1411001-9
2x4 SEALED HARN ASSY W/O CPA



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

Documents

Product Drawings

[24P HYBRID 0.64/2.8 PLUG ASSY, A KEY](#)

English

CAD Files

[3D PDF](#)

3D

Customer View Model

[ENG_CVM_CVM_2288274-1_A.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_CVM_2288274-1_A.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_2288274-1_A.3d_stp.zip](#)

English

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

Product Specifications



Product Specification

English

Product Environmental Compliance

Product Compliance

English

Product Compliance

English

Instruction Sheets

Instruction Sheet (U.S.)

English