

1-2236269-2 ✓ ACTIVE

Generation Y Connector System

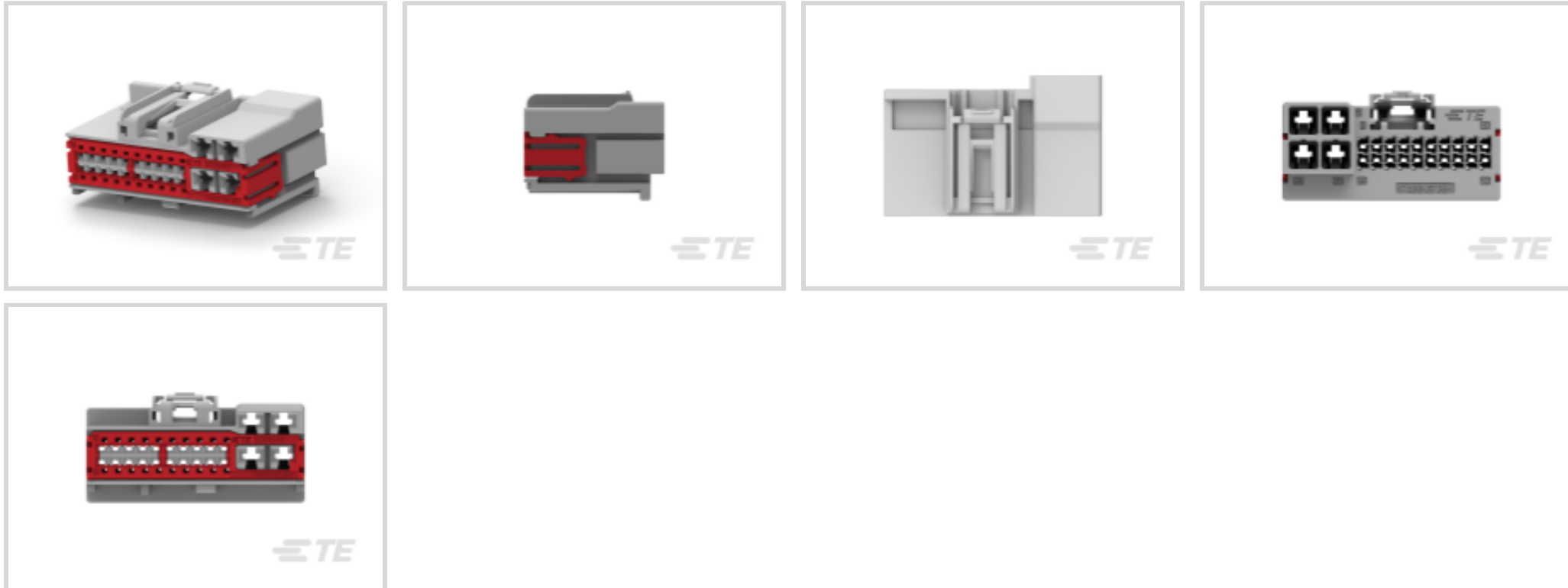
TE Internal #: 1-2236269-2

24 Position Housing, Housing for Female Terminals, Wire-to-Board,
2.54 mm / 6.05 mm [.1 in / .23 in] Centerline, Gray, 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**

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

Features

Industry Standards

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

Dimensions

Row-to-Row Spacing	6.41 mm, 2.54 mm[.1 in][.25 in]
Product Width	31.25 mm[1.23 in]
Product Length	40.86 mm[1.6 in]
Connector Height	20.55 mm[.8 in]

Packaging Features

Packaging Quantity	294
Packaging Method	Tray

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	No
EU RoHS Compliance	Compliant
EU ELV Compliance	Compliant

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]
Contact Current Rating (Max)	30 A, 7.5 A

Product Type Features

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

Configuration Features

Blank Cavity Position	0
Number of Positions	24
Number of Rows	2

Body Features

Primary Product Color	Gray
Connector & Keying Code	B

Operation/Application

Circuit Application	Power & 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: 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 reviewed 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 Regulations, TE's information on SVHC in articles for this part number is still based on the European Chemical Agency (ECHA) 'Guidance on requirements for substances in articles' (Version: 2, April 2011), applying the 0.1% weight on weight concentration threshold at the finished product level. TE is aware of the European Court of Justice ruling of September 10th, 2015 also known as O5A (Once An Article Always An Article) stating that, in case of 'complex object', the threshold for a SVHC must be applied to both the product as a whole and simultaneously to each of the articles forming part of its composition. TE has evaluated this ruling based on the new ECHA "Guidance on requirements for substances in articles" (June 2017, version 4.0) and will be updating its statements accordingly.

Compatible Parts



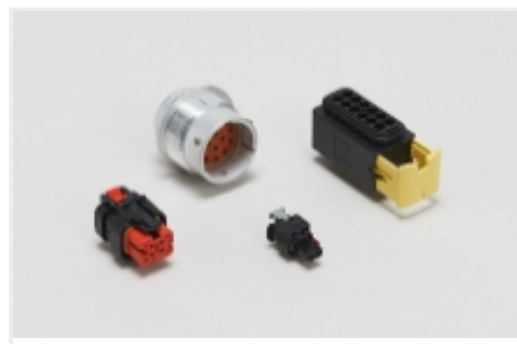
Also in the Series | [Generation Y Connector System](#)



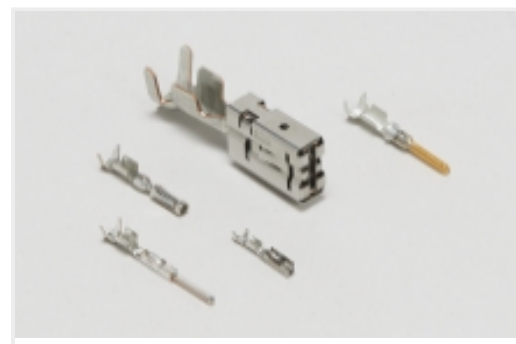
Automotive Connector Caps & Covers (19)



Automotive Headers(14)



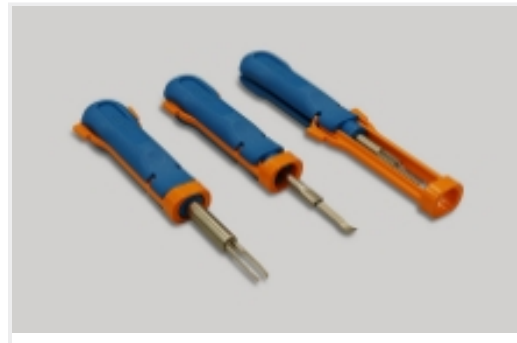
Automotive Housings(140)



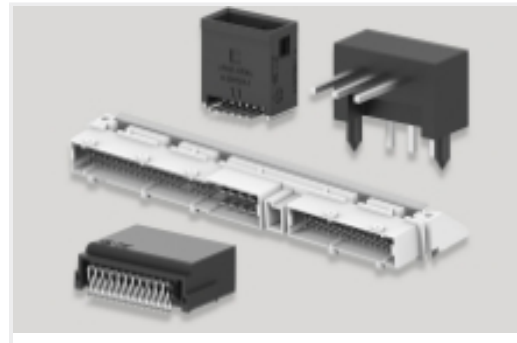
Automotive Terminals(43)



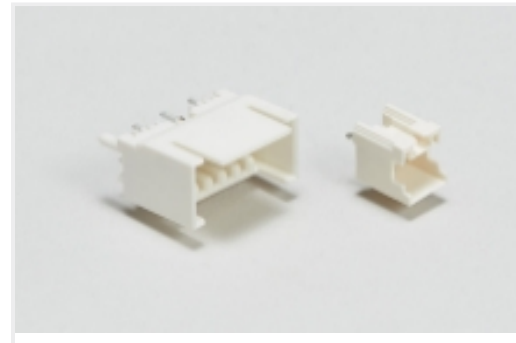
Connector Seals & Cavity Plugs(6)



Insertion & Extraction Tools(1)



PCB Headers & Receptacles(14)



Wire-to-Board Headers & Receptacles (13)

Customers Also Bought



TE Part #2109258-4
MCON 1.2 CAVITY PLUG FOR 0.75MM



TE Part #063725P018
ES2000-NO.2-B9-0-30MM



TE Part #2236269-2
24POS, MIXED,REC HSG,
20GENYMCP,ASSY,CODB



TE Part #121397P014
ES2000-NO.3-B8-0-65MM



TE Part #2188504-9
025/110 HYB 8P PLUG ASS'Y OR



TE Part #2035334-8
CONTACT, FEMALE0.64 ,20.35SQMM



TE Part #3-2236896-1
2POS, MCON 1.2 LL REC SEALED



TE Part #CAT-AM705-T273
AMP MCP, RECEPTACLE AND TAB



TE Part #121397P018
ES2000-NO.3-B8-0-50MM

Documents



Product Drawings

[24POS, MIXED, REC HSG, 20GENYMCP, ASSY, CODB](#)

English

CAD Files

[3D PDF](#)

3D

Customer View Model

[ENG_CVM_CVM_1-2236269-2_C.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_CVM_1-2236269-2_C.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_1-2236269-2_C.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